WAGNER

Product Catalog 2021

Liquid Coating

www.wagner-group.com

Welcome to WAGNER

We bring color, protection and function to surfaces.

The J. Wagner GmbH is one of the world's leading manufacturers of equipment and systems for the finishing of surfaces with powder coating and liquid lacquers, paints and other liquid materials. The Industrial Solutions division with its brands WAGNER, WALTHER PILOT, Reinhardt-Technik and C.A. Technologies stands for high quality, efficiency and productivity in all areas of industrial applications. Whether complete systems or single components - we offer you the entire range of technologies and individual solutions for your specific requirements.

Legend

- Corresponds to the ATEX directive
- Corresponds to the CE directive
- Corresponds to the FM directive
- AS — Suitable for airspray application
- AL — Suitable for airless application
- AC — Suitable for AirCoat application
- Metal coating
- Plastic coating
- Wood coating
- Protective Coating

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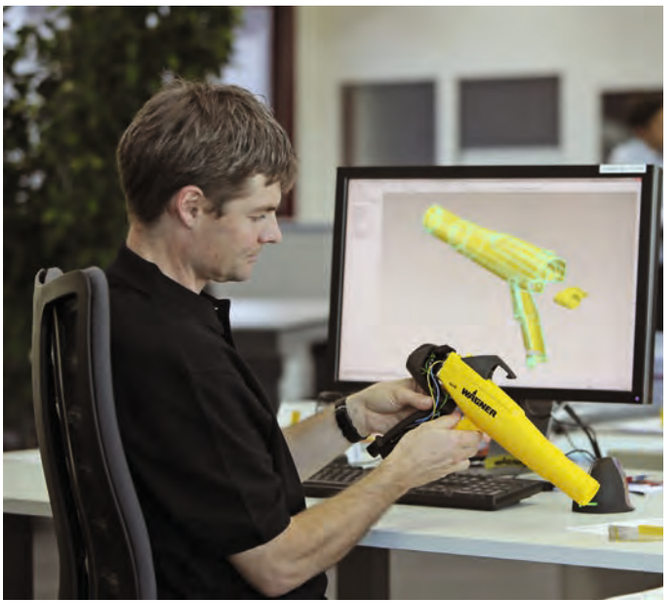
Research and Development

Concentrated expertise and Swiss precision.



We bring ideas to life in our modern research and development center at our Swiss location in Altstätten. We evaluate new technologies and accompany product ideas from development to series production. With our team, we can draw on an optimal mix of many years of experience and concentrated expertise. These prerequisites enable WAGNER to develop high-quality, innovative products and solutions, so that you can efficiently apply color, protection and function to your surfaces.

Engineered Systems

Customized solutions for your company.

Our engineers not only advise and supply you with reliable standard products from our extensive portfolio - due to our many years of experience, we will also be pleased to support you in the development of an individual system solution for your specific application. Even for demanding processes, we develop complete coating systems with perfectly matched components that reliably meet your requirements - regardless of the industrial sector in which you are active.

Technology Centers

Expert consulting before, during and after your investment.

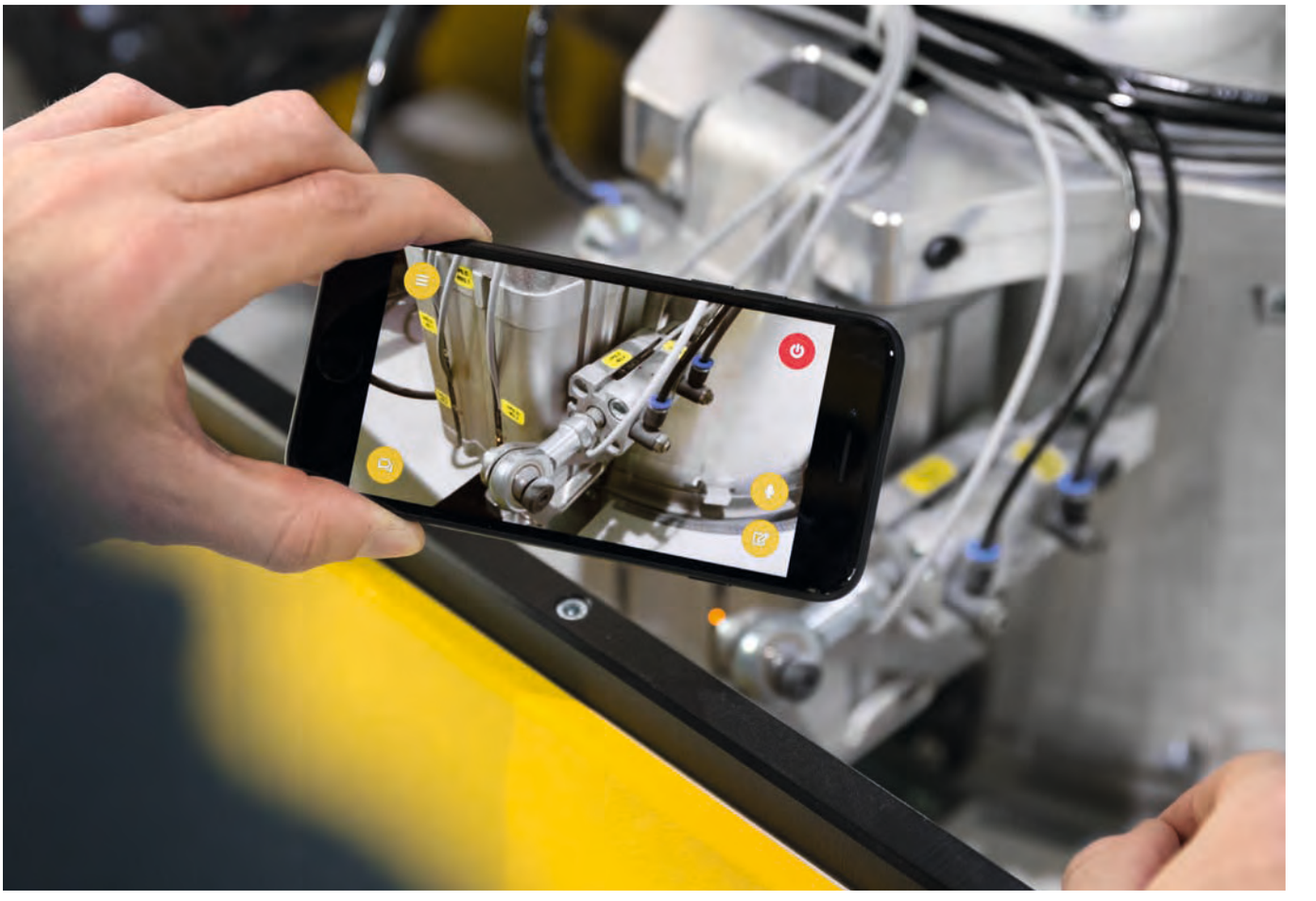
At the Markdorf site WAGNER has a state-of-the-art technology center with a floor space of over 1,400 m^2 for liquid and powder coating which is used for product development and training purposes. In addition, there are further technology centers at locations in the USA, Europe and China.

Our technology centers offer customers the opportunity to determine and test the suitable coating solution for the respective application area under real production conditions with the support of our experienced application specialists. Even after the purchase of a WAGNER system, you will receive expert advice to continuously improve your production processes and achieve high-quality results.

Technology Center Powder (Markdorf): **ae-powder-MDIS@wagner-group.com**
Technology Center Liquid (Markdorf): **ae-liquid-MDIS@wagner-group.com**

WAGNER Service

Competent support throughout the entire product life cycle.



You want to keep your process reliability at a constantly high level through regular maintenance and planned service calls? You need information about repairs, spare and wear parts or updates of your equipment?

The experts of our global WAGNER service network always offer you professional and personal support. We look forward to hearing from you and will gladly support you with your technical request.

helpdesk@wagner-group.com

WAGNER Academy

Knowledge is Power.

The WAGNER Academy is the right partner for training and further education in the coating industry. The spacious training center at our Markdorf location together with the technology center offers ideal conditions. You receive an all-round professional service - from open training courses with a lively exchange of experience among participants from a wide range of companies to individually tailored training courses directly at your premises.

You will learn more about the latest application technology, tips and tricks in coating and receive competent answers to your questions.

In addition, the WAGNER Online Academy offers you a range of online learning content, with which you can also continue your own further training in your desired subject area. At **academy.wagner-group.com** you can access a large selection of documents and training content around the clock and also get in touch with other participants.

academy@wagner-group.com

Discover what's new at WAGNER

Highlights and innovations 2020.

TOPFINISH GM 1030P

The manual airspray gun TOPFINISH GM 1030P with its first-class components provides a precise spray pattern and high-quality surfaces. It can be used for a variety of applications in many industries.

» Page 19

TOPFINISH GA 1020/1030

The automatic airspray gun TOPFINISH GA 1030 produces high-quality surfaces with its excellent spray pattern. The long service life of the gun and precise quick-fixing significantly reduce operating and service costs. A wide range of accessories allows adaptation to a variety of applications, while the variant configurator supports the selection and ordering of the desired version. For shear-sensitive media (e.g. UV lacquers), the GA 1020 variant is available with a membrane seal.

» Page 20

TOPFINISH GA 1900

The TOPFINISH GA 1900 was specially developed for applications in continuous operation where particularly high-quality surfaces are required. The certified stainless steel air caps are manufactured with high precision and ensure repeatable coating results of the best quality. The gun is therefore particularly suitable for coating a wide variety of components in the automotive industry.

» Page 21

New PROTEC high-pressure piston pumps

For heavy corrosion protection WAGNER has developed single component spray systems under the name PROTEC. The new versions PROTEC 95-150 and PROTEC 72-200 have a transmission ratio and delivery volume specially adapted to this field of application. A consistent solution for extreme challenges, even under the toughest operating conditions.

» Page 170

Electronic mixing & dosing system 2K Smart C

The fully assembled complete system WAGNER 2K Smart C is supplied with pre-installed paint supply (fully documented, with CE declaration) and offers an „all-round carefree package“ for the process steps preparation, feeding and mixing in liquid coating applications.

» Page 120

High precision nozzles for AirCoat

In contrast to standard nozzles, the nozzle gap of the new precision nozzles is not ground in, but machined in a special process. This results in exact flow rates and spray angles. They are suitable wherever precise and reproducible results are required, for example when using multiple guns on automatic motion machines.

» Page 71

Airspray applications

Airspray atomization is the right choice for coatings with high optical and haptic quality. The very fine atomization with the help of compressed air creates a thin paint film which, depending on the material used, reproduces the desired surface from high gloss to structural coating. Typical coating objects are e.g. automotive components, high-gloss furniture, housing parts with structure or effect paint or housings for electronic devices. For conductive workpieces, electrostatic guns considerably increase the coating quality and transfer efficiency.

Applying

Cup guns - manual
TOPFINISH GM 1010G
TOPFINISH GM 1030G
Trend
Mini

Pressure-feed spray guns
TOPFINISH GM 1030P
Pilot Trend
Pilot Mini

TOPFINISH GA 1030
TOPFINISH GA 1900
GA 9010

GA 9010 Marking
GA 9010 Marking Membran

Electrostatic solvent-based
GM 5000EA

GA 5000EA

Electrostatic water-based
GM 5020EAW

GA 5000EAW

Mixing & dosing

2K Smart

2K COMFORT

TwinControl
DN 4 valves
EvoMotion 5-60
WildCat 10-70

2K Smart C
Max. 6 components
Ready to spray
DN 4 valves

Selectable pumps:
TOPFINISH DD10
EM 5-60
WildCat 10-70

Feeding

Pressure tanks

Double diaphragm pumps

TOPFINISH DD10

ZIP 52

Unica

Piston pumps
EvoMotion 5-60
WildCat 10-70

AquaCoat
Cabinets 5010 & 5020
Feeding technology:
Pressure tanks
ZIP 52 Finishing

Material supply

Material preparation
Racks & trays
Elevators
Agitators
Containers
Level indicators
Controllers
Heaters
Catalyst control
Suction systems

AirCoat applications

AirCoat is the combination of airspray and airless: High optical coating quality, fast work progress and high transfer efficiency. Typical coating objects are e.g. windows, furniture elements, gearboxes, engine housings or also body and chassis from the truck, construction and agricultural machinery sector. For conductive workpieces, electrostatic guns considerably increase the coating quality and transfer efficiency.

Applying

Spray guns
GM 4100AC
GM 4700AC
GM 4700H

GA 4000 ACIC
GA 4000 ACEC

Electrostatic solvent-based
GM 5000EAC

GA 5000EAC

Electrostatic water-based
GM 5020EACW

GA 5000EACW

Mixing & dosing

2K Smart

2K COMFORT

TwinControl
DN 2,6 valves
Puma 28-40
Leopard 35-70
Leopard 35-150

2K Smart C
Max. 6 components
Ready to spray
DN 2,6 valves

Selectable pumps:
TOPFINISH DD10 with COBRA
as booster pump
or
Puma 28-40
Leopard 35-70

Feeding

Double diaphragm pumps
Cobra 40-10
Cobra 40-25

Piston pumps
EvoMotion 40-15
EvoMotion 20-30
WildCat 18-40
Puma 28-40
Puma 21-110
Leopard 35-70
Leopard 35-150
Leopard 26-200
PROTEC 60-240

AquaCoat
Cabinets 5010 & 5020
Feeding technology:
Cobra 40-10
Puma 28-40
EvoMotion 20-30

Material supply

Material preparation
Racks & trays
Elevators
Agitators
Containers
Level indicators
Controllers
Heaters
Catalyst control
Suction systems

Feeding pumps
Unica 4-270

Airless applications

Airless atomization, which is only effected by material pressure, allows coatings with a large layer thickness, fast working and high transfer efficiency. Typical applications are corrosion protection coatings, wind power plants, underbody coatings of e.g. rail vehicles or pipe and fire protection coatings. The airless process is also used for objects where optical finishing is not the main focus.

Applying

Spray guns
GM 1-530
GM 1-350

GA 250
GA 400

AG 14

Mixing & dosing

2K COMFORT XL

TwinControl
DN 4/10 valves

Leopard 48-110
PROTEC 95-150
PROTEC 72-200
PROTEC 60-240

PROTEC 2K

75-150/38	4:1
70-150/50	3:1
64-150/75	2:1
65-110/110	1:1

Feeding

Piston pumps
Leopard 48-110
PROTEC 95-150
PROTEC 72-200
PROTEC 60-240

Material supply

Material preparation
Racks & trays
Elevators
Agitators
Containers
Level indicators
Controllers
Heaters
Catalyst control
Suction systems

Feeding pumps
EvoMotion 5-125

Rotary bell applications

Especially in series production, high rotation atomization in combination with electrostatics ensures high coating quality with a fast coating process and high transfer efficiency. Typical coating objects are e.g. aluminium wheels, car body parts or two-wheelers. Compared to airspray, the rotary bell allows for increased efficiency and a higher application speed.

Applying

RobotBell

Mixing & dosing

Gear pumps

Material pressure regulators

Controller
RBC E1HV & turbine control
Material valve control

Intellimix 4
Engineered solution
incl. HV supply, cascade,
turbine control,
gear pump control

2K COMFORT XL
2K Smart

Feeding

Pressure tanks

Double diaphragm pumps
ZIP 52 / ZIP 80

TOPFINISH DD10

Unica

Material supply

Material preparation
Racks & trays
Elevators
Agitators
Containers
Level indicators
Controllers
Heaters
Catalyst control
Suction systems

Optimal atomization for various applications.

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Airspray manual and automatic guns
Almost all coating materials can be processed with airspray guns. This includes not only paints and varnishes, but also adhesives, release agents, oils, etc. Electrostatic guns are available as versions for solvent and water-based paints. They ensure high transfer efficiency with reliable surface quality at the same time.

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High-speed rotation atomizer
With high-speed rotation atomizers you achieve an efficient coating for small work-pieces as well as large surfaces. They are ideally suited for electrostatic applications with water and solvent-based paints.

Applying

The list of objects coated with WAGNER ranges from truck axles to children's toys, writing instruments and construction vehicles. We offer a wide range of application devices for manual and automatic coating with different atomization technologies. High-quality coating results and reliable transfer efficiency with an abundance of different materials - this is the result of many years of development work and extensive practical experience.

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AirCoat manual and automatic guns

The combination of airless and airspray ensures a high atomization quality and reliable transfer efficiency. AirCoat produces an excellent coating quality at a significantly lower spray pressure than airless. In contrast to the airspray process, it is much faster and produces less overspray. The automatic versions are ideal for use in flatbed machines and on robots.

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Airless manual and automatic guns

WAGNER airless guns meet all demands when using highly filled and highly viscous coating materials. The quality of the components and materials used ensures high availability and low downtime.

Airspray manual and automatic guns

Airspray guns can process virtually all coating materials. These not only include water and solvent based lacquers, but also adhesives, separating agents, oils and more. All models offer an extensive nozzle selection to meet high quality requirements and ensure material-saving processes. Additionally, most of the spray guns are also available as medium-pressure and HVLP^{Plus} models. This allows for particularly high application rates.

GA 1900

GA 1020 / 1030 1020

GM 1030P

GM 1010G

	TOPFINISH				
Atomisation					
Conventional	●	●	●		
HVLP^{Plus}		●	●	●	
HVLP		●	●	●	
Nozzle sizes					
Nozzle sizes	0.5-1.4 mm	0.3-3.5 mm	0.3-3.5 mm	1.0-2.2 mm	
Processable material					
Solvent-based materials	●	●	●	●	
Water-based materials	●	●	●	●	
UV- / Moisture-sensitive material	●	●			
Material quantity gravity cup					
125 ml					
600 ml				●	
Wetted parts incl. material channel					
Stainless steel (seamless)	●	●	●	●	
Aluminum/stainless steel					
Weight					
Manual gun			486 g	440 g	
Gun without mounting parts	890 g	650 g			
Mounting					
Manual gun			●	●	
Adapter plate stainless steel		●			
Adapter plate aluminum (nickel-plated)	●	●			
Direct mounting (without adapter plate)		●			

PILOT Trend FB

PILOT Trend FA

PILOT Mini FB

PILOT Mini FA

GA 9010 Marking

GA 3000SC

	TREND		MINI		MARKING	SUPRA COAT
	●	●	●	●	●	
	●	●	●	●		
						●
	0.5-2.5 mm	0.5-2.5 mm	0.5-2.2 mm	0.3-2.5 mm	0.3- 1.5 mm	0.5-2.0 mm
	●	●	●	●	●	●
	●	●	●	●	●	●
					●	●
			●			
	●					
			●	●	●	
	●	●				●
	438 g	542 g	295 g	295 g		
					440 g	910 g
	●	●	●	●		
						●
					●	

You will find the electrostatic airspray manual and automatic guns on page 34. →

TOPFINISH GM 1010 G CAT-X

Airspray manual gun

The WAGNER TOPFINISH GM 1010G CAT-X, available as gravity-feed cup version, is ideal for coating applications in various market segments, such as the wood, metal and transportation industry.

Technical data	
Material pressure	8 bar
Material inlet	G 3/8“ - M
Compressed air connection	M - G 1/4“
Material temperature range	80 °C
Weight	440 g

Product variants	Item no.
GM 1010 G CAT-X Ø 1,0 mm HVLP	2374015
GM 1010 G CAT-X Ø 1,0 mm HVLP plus	2374006
GM 1010 G CAT-X Ø 1,2 mm HVLP	2374014
GM 1010 G CAT-X Ø 1,2 mm HVLP plus	2374005
GM 1010 G CAT-X Ø 1,3 mm HVLP	2374013
GM 1010 G CAT-X Ø 1,3 mm HVLP plus	2374004
GM 1010 G CAT-X Ø 1,4 mm HVLP	2374012
GM 1010 G CAT-X Ø 1,4 mm HVLP plus	2374003
GM 1010 G CAT-X Ø 1,5 mm HVLP	2374011
GM 1010 G CAT-X Ø 1,5 mm HVLP plus	2374002
GM 1010 G CAT-X Ø 1,7 mm HVLP	2374010
GM 1010 G CAT-X Ø 1,7 mm HVLP plus	2374001
GM 1010 G CAT-X Ø 1,9 mm HVLP	2374009
GM 1010 G CAT-X Ø 1,9 mm HVLP plus	2374000
GM 1010 G CAT-X Ø 2,2 mm HVLP	2374008
GM 1010 G CAT-X Ø 2,2 mm HVLP plus	2373998
GM1010 G CAT-X economy pack +3	2374019
GM1010 G CAT-X smart set +3	2374020

Material-wetted parts

Stainless steel 1.4305

Scope of delivery

Gun-only set: Manual airspray gun with gravity-feed cup, tool, cleaning brush and manual instruction

Box set contains: GM 1010-0AS 1.3 mm Ø nozzle size, as well as other nozzle sizes (1.0 / 1.5 and 1.7 mm Ø), gravity-feed cup, second air cap HVLP, tools, cleaning brush, operating instruction

Case: Includes GM 1010-0 AS 1.3 mm Ø, additional nozzle sizes 1.0 / 1.5 and 1.7 mm Ø, gravity-feed cup, second air cap HVLP, tool, cleaning brush, manual instruction with mini air regulator

Order information

Choose your requested nozzle size for the single gun (1.0 - 2.2 mm).
Choose a gun with defined nozzle and atomization technology (HVLP or HVLP Plus) or the set.

TOPFINISH GM 1030P

Airspray manual gun

The WAGNER TOPFINISH GM 1030P enables high-quality surfaces with first-class components. It can be used for a variety of applications in many industries.

Technical data	
Nozzle diameter	0.3 mm - 3.5 mm
Material pressure	1 bar - 8 bar
Material inlet	G 3/8“ - M
Air inlet pressure range	1 bar - 8 bar
Sound level	92.8 dB(A)
Weight	486 g

Product variants	Item no.
GM 1030P 0.5 mm HVLP	2400808
GM 1030P 0.5 mm HVLP plus	2400817
GM 1030P 0.5 mm Conventional	2400798
GM 1030P 0.8 mm HVLP	2400809
GM 1030P 0.8 mm HVLP plus	2400818
GM 1030P 0.8 mm Conventional	2400799
GM 1030P 1.0 mm HVLP	2400810
GM 1030P 1.0 mm HVLP plus	2400819
GM 1030P 1.0 mm Conventional	2400800
GM 1030P 1.2 mm HVLP	2400811
GM 1030P 1.2 mm HVLP plus	2400820
GM 1030P 1.2 mm Conventional	2400801
GM 1030P 1.5 mm HVLP	2400813
GM 1030P 1.5 mm HVLP plus	2400821
GM 1030P 1.5 mm Conventional	2400802
GM 1030P 1.8 mm HVLP	2400814
GM 1030P 1.8 mm HVLP plus	2400822
GM 1030P 1.8 mm Conventional	2400803
GM 1030P 2.0 mm HVLP	2400815
GM 1030P 2.0 mm HVLP plus	2400823
GM 1030P 2.0 mm Conventional	2400804
GM 1030P 2.2 mm HVLP	2400816
GM 1030P 2.2 mm HVLP plus	2400824
GM 1030P 2.2 mm Conventional	2400805

Processable materials

Stains
Top coats
Filler
Primers
Clear lacquers
Spray putty
Separating agents
Water-based paints (2K and 3K)

Material-wetted parts

Stainless steel 1.4305

Scope of delivery

GM 1030P including air cap and nozzle according to choice, as well as operating instructions and tools

Order information

Configure a GM 1030P variant with the configurator GM 1030P VC 2405631 and choose accessories like swivel joints or a complete spraypack: wall bracket or trolley as well as pump, suction system and hose package.

TOPFINISH GA 1020/1030

Airspray automatic gun

The automatic airspray gun TOPFINISH GA 1030 convinces with excellent atomizing properties and a high-quality spray pattern. The universal unit is particularly low-wear and enables process-safe coating in continuous operation. For applications with UV and highly abrasive materials, the gun is available as TOPFINISH GA 1020 with membrane seal.

Technical data	
Nozzle diameter	0.3 mm - 3.5 mm
Material pressure	8 bar
Material inlet	G 1/4“ - M
Air inlet pressure range	8 bar
Sound level	92.8 dB(A)
Material temperature range	5 °C - 80 °C
Ambient temperature range	5 °C - 40 °C
Length	139 mm
Width	42 mm
Height	42 mm
Weight	650 g

Product variants	Item no.
GA 1020 1030 VC	2406824
GA 1030 EC_VAR_fAP_Stub_HVLP+_Ø1,0	2412462
GA 1030 EC_VAR_DM_Circ_HVLP+_Ø1,0	2412463
GA 1030 EC_VAR_fAP_Circ_HVLP+_Ø1,0	2415144
GA 1030 IC_VAR_DM_Stub_HVLP+_Ø1,0	2412464
GA 1030 IC_VAR_fAP_Stub_HVLP+_Ø1,0	2412465
GA 1020 EC_VAR_fAP_Circ_HVLP+_Ø1,0	2412471
GA 1020 IC_VAR_fAP_Stub_HVLP+_Ø1,0	2412473
GA 1030 EC_VAR_fAP_Circ_HVLP_Ø0,8	2413856
GA 1030 EC_VAR_fAP_Circ_HVLP_Ø1,0	2414017
GA 1030 EC_VAR_DM_Circ_HVLP_Ø1,0	2414018
GA 1030 IC_VAR_fAP_Circ_Conv12_Ø0,8	2414029
GA 1020 IC_VAR_fAP_Circ_Conv12_Ø1,0	2414031
GA 1020 EC_VAR_fAP_Circ_Conv14_Ø1,0	2414355
GA 1030 IC_VAR_DM_Stub_HVLP+_Ø0,8	2414360
GA 1030EC_VAR_DM_Stub_Conv12_Ø1,0	2414656

Processable materials

Stains
Top coats
Primers
Clear lacquers
Separating agents
UV paints
Water-based paints (2K and 3K)

Material-wetted parts

Stainless steel 1.4301

Scope of delivery

GA 1030 variant including air cap and nozzle according to choice, and operating instructions

Order information

Configure the desired variant via GA 1020/1030 configurator VC 2406824 and select the desired base plate as well as holders or other accessories.

TOPFINISH GA 1900

Airspray automatic gun

The automatic airspray gun WAGNER GA 1900 ensures brilliant surfaces by fine atomization and thus meets high coating requirements.

Technical data	
Nozzle diameter	0.5 mm - 1.4 mm
Material pressure	18 bar
Air inlet pressure range	9 bar
Sound level	102 dB(A)
Length	119 mm
Width	52 mm
Height	49 mm
Weight	890 g

Product variants	Item no.
GA 1900EC 0,5 mm	2394294
GA 1900EC 0,8 mm	2394291
GA 1900EC 1,0 mm	2392762
GA 1900EC 1,2 mm	2394295
GA 1900EC 1,4 mm	2394296
GA 1900EC C 0,5 mm	2394305
GA 1900EC C 0,8 mm	2394304
GA 1900EC C 1,0 mm	2394303
GA 1900EC C 1,2 mm	2394302
GA 1900EC C 1,4 mm	2394297

Processable materials

Stains
Top coats
Primers
Clear lacquers

Scope of delivery

Gun model with corresponding nozzle size, with/without circulation, including operating instructions

Order information

Select the desired gun model with nozzle size, with/without circulation. Order the desired air caps plus union nut. Works only in combination with an adapter.

PILOT Trend

Airspray manual gun

High standard for all common spraying jobs. High-quality surface results due to precise WALTHER PILOT air head technology.

Technical data	
Material pressure	8 bar
Material inlet	G 1/4“
Compressed air connection	G 1/4“
Sound level	83 dB(A)
Material temperature range	80 °C

Product variants	Item no.
PILOT Trend HD gravity 0.5mm 6 Hole	V1060103053
PILOT Trend HD gravity 0.8mm 6 Hole	V1060103083
PILOT Trend HD gravity 1.0m 6 Hole	V1060103103
PILOT Trend HD gravity cup 1.2 mm	V1060103123
PILOT Trend HD gravity 1,5 mm 6 Hole	V1060103153
PILOT Trend HD gravity 1.8mm 6 Hole	V1060103183
PILOT Trend HD gravity 2.0mm 6 Hole	V1060103203
PILOT Trend HD gravity cup 2.5 mm	V1060103253
PILOT Trend MD 0.5mm 8 hole	V1061104053
PILOT Trend MD 0.8mm 8 hole	V1061104083
PILOT Trend MD 1.0mm 8 hole	V1061104103
PILOT Trend MD 1.2mm 8 hole	V1061104123
Mod-Trend MD 1.5mm, pressure feed	V1061104153
PILOT Trend MD 1.8mm 8 hole	V1061104183
PILOT Trend MD 2.0mm 8 hole	V1061104203
PILOT Trend MD gravity cup 2.5 mm	V1061104253

Material-wetted parts

Aluminum

Stainless steel

Scope of delivery

Operating manual incl. declaration of conformity

PILOT Trend with nozzle insert upon choice

600 ccm gravity cup

Order information

Determine the required nozzle size.

Choose between the following versions: conventional spray gun and medium-pressure spray gun.

Choose between the gravity-feed cup version and the version for material connection to pressure tanks or pumps.

The designation MP corresponds to the HVLP Plus technology.

PILOT Trend

Airspray manual gun

High standard for all common spraying jobs. High-quality surface results due to precise WALTHER PILOT air head technology.Variant with material connection.

Technical data	
Material pressure	8 bar
Material inlet	G 1/4“
Compressed air connection	G 1/4“
Sound level	83 dB(A)
Material temperature range	80 °C

Product variants	Item no.
PILOT Trend 0.5mm, pressure feed	V1060203053
PILOT Trend 0.8mm, pressure feed	V1060203083
PILOT Trend 1.0mm, pressure feed	V1060203103
PILOT Trend 1.2mm, pressure feed	V1060203123
PILOT Trend 1.5mm, pressure feed	V1060203153
PILOT Trend 1.8mm, pressure feed	V1060203183
PILOT Trend 2.0mm, pressure feed	V1060203203
PILOT Trend 2.5mm, pressure feed	V1060203253
PILOT Trend-MP 0.5mm, pressure feed	V1061304053
PILOT Trend-MP 0.8mm, pressure feed	V1061304083
PILOT Trend-MP 1.0mm, pressure feed	V1061304103
PILOT Trend-MP 1.2mm, pressure feed	V1061304123
PILOT Trend-MP 1.5mm, pressure feed	V1061304153
PILOT Trend-MP 1.8mm, pressure feed	V1061304183
PILOT Trend-MP 2.0mm, pressure feed	V1061304203
PILOT Trend-MP 2.5mm, pressure feed	V1061304253

Material-wetted parts

Aluminum

Stainless steel

Scope of delivery

Operating manual incl. declaration of conformity

PILOT Trend with nozzle insert upon choice

Order information

Determine the required nozzle size.

Choose between the following versions: conventional spray gun and medium-pressure spray gun.

Choose between the gravity-feed cup version and the version for material connection to pressure tanks or pumps.

The designation MP corresponds to the HVLP Plus technology.

PILOT Mini

Airspray manual gun

Light and easy-to-use spray gun, made of high-grade plastic, for spraying small parts and objects as well as retouching and decorative jobs. Wetted parts are made of stainless steel. Water-borne materials and aggressive media can be sprayed without any problems.

Technical data	
Material pressure	8 bar
Compressed air connection	G 1/4“
Sound level	85 dB(A)
Material temperature range	80 °C
Weight	295 g

Product variants	Item no.
PILOT Mini HD gravity feed 0.3 mm	V1015102033
PILOT Mini HD gravity feed 0.5mm	V1015102053
PILOT Mini HD gravity feed 0.8 mm	V1015102083
PILOT Mini HD gravity feed 1.0 mm	V1015102103
PILOT Mini HD gravity feed 1.2 mm	V1015102123
PILOT Mini HD gravity feed 1.5 mm	V1015102153
PILOT Mini HD gravity feed 1.8 mm	V1015102183
PILOT Mini HD gravity feed 2.0 mm	V1015102203
PILOT Mini HD gravity feed 2.2 mm	V1015102223

Material-wetted parts

Stainless steel

Scope of delivery

Operating manual incl. declaration of conformity
PILOT Mini with nozzle insert upon choice
Spray gun incl. 125 ccm plastic gravity cup

Order information

Determine the required nozzle size.
Ideal for small painting jobs such as spot repair (touch up).
The designation MP corresponds to the HVLP Plus technology.

PILOT Mini

Airspray manual gun

Light and easy-to-use spray gun, made of high-grade plastic, for spraying small parts and objects as well as retouching and decorative jobs. Wetted parts are made of stainless steel. Water-borne materials and aggressive media can be sprayed without any problems.

Technical data	
Material pressure	8 bar
Material inlet	G 1/4“
Compressed air connection	G 1/4“
Sound level	85 dB(A)
Material temperature range	80 °C
Weight	295 g

Product variants	Item no.
PILOT Mini HD material feed 0.3 mm	V1015202033
PILOT Mini HD material feed 0.5 mm	V1015202053
PILOT Mini HD material feed 0.8 mm	V1015202083
PILOT Mini HD material feed 1.0 mm	V1015202103
PILOT Mini HD material feed 1.2 mm	V1015202123
PILOT Mini HD material feed 1.5 mm	V1015202153
PILOT Mini HD material feed 1.8 mm	V1015202183
PILOT Mini HD material feed 2.0 mm	V1015202203
PILOT Mini HD material feed 2.2 mm	V1015202223
PILOT Mini MP 0.3 mm Material feed	V1014202033
PILOT Mini MP 0.5 mm Material feed	V1014202053
GUN, PILOT MINI-MP 0.8 mm pressure feed	V1014202083
PILOT Mini MP 1.0 mm Material feed	V1014202103
GUN, PILOT MINI-MP 1.2mm pressure feed	V1014202123
PILOT Mini MP 1.5 mm Material feed	V1014202153
PILOT Mini MP 1.8 mm Material feed	V1014202183
PILOT Mini MP 2.0 mm Material feed	V1014202203
GUN, PILOT MINI-MP 2.2mm pressure feed	V1014202223

Material-wetted parts

Stainless steel

Scope of delivery

Operating manual incl. declaration of conformity

PILOT Mini with nozzle insert upon choice

Order information

Determine the required nozzle size.

Ideal for small painting jobs such as spot repair (touch up).

Choose between the gravity-feed cup version and the version for material connection to pressure tanks or pumps.

The designation MP corresponds to the HVLP Plus technology.

PILOT GA 9010 Marking

Spray gun for color marking

With the PILOT GA 9010 Marking, sharp-edged markings are possible. Due to the short switching times (opening, spraying, closing) it is suitable for use in productions with low cycle times. The PILOT GA 9010 Marking ensures a smooth production process even under difficult conditions thanks to special flushing devices and the robust construction.

Technical data	
Material pressure	0 bar - 6 bar
Sound level	83 dB(A)
Length	128 mm
Width	22 mm
Height	29 mm
Weight	440 g

Product variants	Item no.
GA 9010 Marking 0.3mm round spray 3.1	V2130051033
GA 9010 Marking 0.5mm round spray 3,1	V2130051053
GA 9010 Marking 0,8mm round spray 2.2	V2130051083
GA 9010 Marking 1,0mm round spray 2.2	V2130051103
GA 9010 Marking 1,2mm round spray 2.3	V2130051123
GA 9010 Marking 1,5mm round spray 2.3	V2130051153

Material-wetted parts

Stainless steel

Scope of delivery

PILOT GA 9010 / GA 9010 Marking with nozzle insert of your choice
Operating manual incl. declaration of conformity

Order information

Determine the required nozzle size.
Material connection via push-in fitting for hose 6x4 mm.

PILOT GA 9010 Marking Membran

Spray gun for color marking

Sharp-edged and almost overspray-free dot and line marking for the visibility of quality standards or for process control. Generally, small amounts of paint and high precision are used. The GA 9010 automatic spray gun is suitable for this task due to its short switching times. The diaphragm version can be used for media that react to moisture and light as well as abrasive media.

Technical data	
Material pressure	2 bar
Sound level	83 dB(A)
Material temperature range	50 °C
Ambient temperature range	5 °C - 50 °C
Length	128 mm
Width	22 mm
Height	29 mm
Weight	440 g

Product variants	Item no.
GA 9010 Marking Membran 0,3mm round 2.1	V2132151033
GA 9010 Marking Membran 0,5mm round 2.1	V2132151053
GA 9010 Marking Membran 0.8mm round 2.2	V2132151083
GA 9010 Marking Membran 1,0mm round 2.2	V2132151103
GA 9010 Marking Membran 1,2mm round 2.3	V2132151123
GA 9010 Marking Membran 1,5mm round 2.3	V2132151153

Material-wetted parts

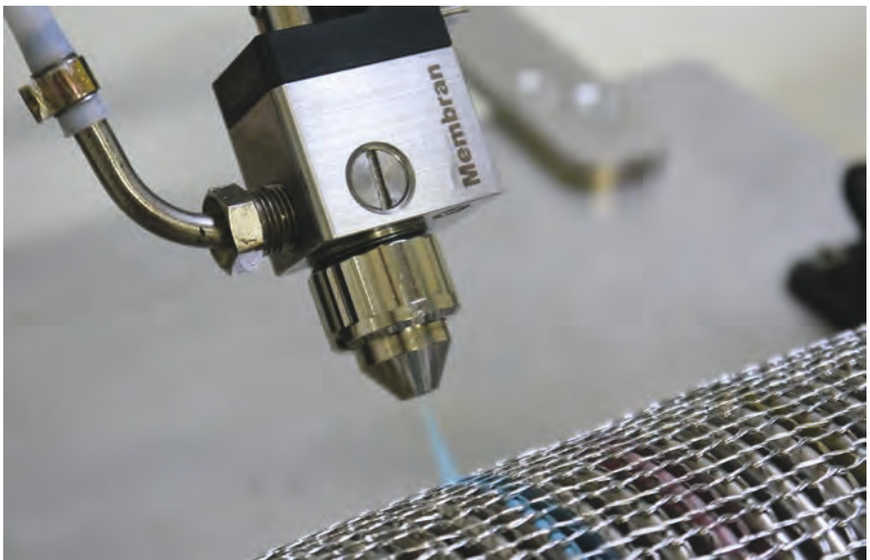
Stainless steel

Scope of delivery

PILOT GA 9010 / GA 9010 Marking with nozzle insert of your choice
Operating manual incl. declaration of conformity

Order information

Determine the required nozzle size.
Material connection via push-in fitting for hose 6x4 mm.



SupraCoat GA3000SC

Airspray automatic gun

WAGNER SupraCoat is based on HVLP technology and in comparison to so-called HVLP plug-in systems and conventional air guns, it offers decisive advantages. The low kinetic energy of the paint particles provides a differentiated spray jet with little over-spray or turbulence. Due to the optimized design of the SupraCoat gun, an excellent surface finish is achieved and lacquers with higher viscosities can also be applied.

Technical data	
Material pressure	8 bar
Material inlet	G 1/4“
Air inlet pressure range	4 bar - 6 bar
Compressed air connection	G 1/8“
Sound level	82 dB(A)
Material temperature range	80 °C
Length	150 mm
Width	50 mm
Height	92 mm
Weight	912 g

Product variants	Item no.
Autom. gun GA 3000SCIC 0.3	383008
Automatic GA 3000SCIC 0.5	383001
Autom. gun GA 3000SCIC 0.8	383002
Autom. gun GA 3000SCIC 1.0	383003
Autom. gun GA 3000SCIC 1.25	383004
Autom. gun GA 3000SCIC 1.6	383005
Autom. gun GA 3000SCIC 2.0	383006
Autom. gun GA 3000SCIC 2.5	383007

Processable materials

1K high solid paints
1K solvent-based paints
1K water-based paints
2K high solid paints
Solvent-based paints (2K, 3K and 4K)
Water-based paints (2K, 3K and 4K)
Metallic paints

Material-wetted parts

Nickel-plated aluminum
Stainless steel 1.4034
Stainless steel 1.4104
Stainless steel 1.4305
FPM
Tungsten carbide
Nickel-plated brass
POM
PTFE
UHMW-PE

Scope of delivery

Operating manual
CE declaration of conformity
Nozzle set F1
GA 3000SC

Order information

Determine the gun type.
Determine which hoses and accessories are required.
Determine whether you require material circulation.
Select the desired nozzle system and air cap.
Select the material and air connections.

SupraCoat GA3000SC

Airspray automatic gun

WAGNER SupraCoat is based on HVLP technology and in comparison to so-called HVLP plug-in systems and conventional air guns offers decisive advantages. The low kinetic energy of the paint particles provides a differentiated spray jet with little overspray or turbulence. Due to the optimised design of the SupraCoat gun, an excellent surface finish is achieved and paints with higher viscosities can also be applied.

Technical data	
Material pressure	8 bar
Material inlet	G 1/4“
Air inlet pressure range	4 bar - 6 bar
Compressed air connection	G 1/8“
Sound level	82 dB(A)
Material temperature range	80 °C

Product variants	Item no.
Autom. gun GA 3000SCEC 0.3	383017
Autom. gun GA 3000SCEC 0.3 Robot	383027
Autom. gun GA 3000SCEC 0.3 Robot Twin	383067
Autom. gun GA 3000SCEC 0.5	383010
Autom. gun GA 3000SCEC 0.5 Robot	383020
Autom. gun GA 3000SCEC 0.5 Robot Twin	383060
Autom. gun GA 3000SCEC 0.8	383011
Autom. gun GA 3000SCEC 0.8 Robot	383021
Autom. gun GA 3000SCEC 0.8 Robot Twin	383061
Autom. gun GA 3000SCEC 1.0	383012
Autom. gun GA 3000SCEC 1.0 Robot	383022
Autom. gun GA 3000SCEC 1.0 Robot Twin	383062
Autom. gun GA 3000SCEC 1.2 Robot Twin	383063
Autom. gun GA 3000SCEC 1.25	383013
Autom. gun GA 3000SCEC 1.25 Robot	383023
Autom. gun GA 3000SCEC 1.6	383014
Autom. gun GA 3000SCEC 1.6 Robot Twin	383064
Autom. gun GA 3000SCEC 2.0	383015
Autom. gun GA 3000SCEC 2.0 Robot Twin	383065
Autom. gun GA 3000SCEC 2.5	383016
Autom. gun GA 3000SCEC 2.5 Robot	383026
Autom. gun GA 3000SCEC 2.5 Robot Twin	383066
SupraCoat Controller	376010

Processable materials

1K high solid paints
1K solvent-based paints
1K water-based paints
2K high solid paints
Solvent-based paints (2K, 3K and 4K)
Water-based paints (2K, 3K and 4K)
Metallic paints

Material-wetted parts

Nickel-plated aluminum
Stainless steel 1.4034
Stainless steel 1.4104
Stainless steel 1.4305
FPM
Tungsten carbide
Nickel-plated brass
POM
PTFE
UHMW-PE

Scope of delivery

Operating manual
CE declaration of conformity
Nozzle set F1
GA 3000SC

Order information

Determine the gun type.
Determine which hoses and accessories are required.
Determine whether you require material circulation.
Select the desired nozzle system and air cap.
Select the material and air connections.

Accessories airspray guns

WAGNER offers you an extensive range of accessories for airspray guns.
Select your required components from the table.

	GM 1030P	GA 1020	GA 1030	GA 1900	
Air caps - flat jet					
Air cap 0.3-1.8 mm CONV 8	●	●	●		2401161
Air cap 2.0-2.5 mm CONV 8	●		●		2401165
Air cap 3.0 mm CONV 8	●		●		2401166
Air cap 3.5 mm CONV 8	●		●		2401167
Air cap 0.3-1.8 mm CONV 10	●	●	●		2401168
Air cap 2.0-2.5 mm CONV 10	●		●		2401169
Air cap 3.0 mm CONV 10	●		●		2401170
Air cap 3.5 mm CONV 10	●		●		2401171
Air cap 0.3-1.8 mm CONV 12	●	●	●		2401172
Air cap 2.0-2.5 mm CONV 12	●		●		2401173
Air cap 0.3-1.8 mm CONV 14	●	●	●		2401174
Air cap 2.0-2.5 mm CONV 14	●		●		2401175
Air cap 0.3-1.8 mm HVLP-Plus	●	●	●		2401176
Air cap 2.0-2.5 mm HVLP-Plus	●		●		2401177
Air cap 3.0 mm HVLP-Plus	●		●		2401178
Air cap 3.5 mm HVLP-Plus	●		●		2401179
Air cap 0.3-1.8 mm HVLP	●	●	●		2401180
Air cap 2.0-2.5 mm HVLP	●		●		2401181
Air cap 3.0 mm HVLP	●		●		2401182
Air cap 3.5 mm HVLP	●		●		2401183
GA 1900 air cap standard				●	2392763
GA 1900 air cap medium				●	2394316
GA 1900 air cap small				●	2394317
GA 1900 air cap lock nut				●	2392764
Nozzle and needle sets					
Nozzle and needle set 0.5 mm	2400786	2407285	2407265	2394322	
Nozzle and needle set 0.8 mm	2400787	2407286	2407266	2394323	
Nozzle and needle set 1.0 mm	2400788	2407287	2407267	2394327	
Nozzle and needle set 1.2 mm	2400789	2407288	2407268	2394328	
Nozzle and needle set 1.4 mm				2394329	
Nozzle and needle set 1.5 mm	2400790	2407289	2407269		
Nozzle and needle set 1.8 mm	2400791	2407290	2407270		
Nozzle and needle set 2.0 mm	2400792		2407271		
Nozzle and needle set 2.2 mm	2400793		2407272		
Nozzle and needle set 2.5 mm	2400794		2407281		
Nozzle and needle set 3.0 mm	2400795		2407282		
Nozzle and needle set 3.5 mm	2400796		2407283		

	GM 1030P	GA 1020	GA 1030	GA 1900	
Gun flush box					
Gun flush box for GM 1030P	●				2308814
Other accessories					
Forming air regulation 110° set	●				2403453
Material tube with filter cpl. (incl. 100 mym mesh edge filter)	●				2401072
Edge filter 60 mesh	●				3204604
Edge filter 100 mesh	●				3204605
Edge filter 200 mesh	●				9999002
Swivel joint air	●				2324766
Double swivel joint air 1/4"	●				V0000104000
Swivel joint 3/8" I/A f. Premium/ GM 1030P	●				V0000102100
Suspension pressure cups, 800 ccm	●				V1135273000
Manometer/hose for HPB	●				V3555500010
Suction cup, 1000 ccm	●				V1135400000
Hose packages GM 1030P					
LP hose package Flex DN6 7.5 m	●				2405455
LP hose package Flex DN6 10 m	●				2405456
LP hose package PA DN6 7.5 m	●				2405457
LP hose package PA DN6 10 m	●				2405458
Base plates					
GA 1030 base plate (aluminum, nickel plated)		●	●		2407164
GA 1030 base plate SSt		●	●		2407163
GA 1030 base plate with flushing valve		●	●		2410060
GA 1030 base plate for AGMD 517/PaintPro		●	●		2409620
Gun adapter GA 1030 for TF RobotBell 1		●	●		2411634
GA 1030 60° adapter for robot application		●	●		2411635
GA 1900 60° adapter for robot application				●	2394307
Connection plate GA 1900 standard				●	2396123
Connection plate GA 1900 C with circulation				●	2390527
Connection plate GA 1900 for 2K				●	2394306
Connection plate for AGMD 517/PaintPro change				●	2394308
Connection plate for standard WA905 change				●	2394309
Gun adapter GA 1900 for TF RobotBell 1				●	2392156

Accessories airspray guns

WAGNER offers you an extensive range of accessories for airspray guns.
Select your required components from the table.

	GM 1030P	GA 1020	GA 1030	GA 1900	
Additional accessories					
Holder for gun or base plate		●	●		2409636
Closing plug G1/4		●	●		2394499
Material fitting straight for adapter plate SSt		●	●		2406685
Material fitting 90° for adapter plate SSt		●	●		V2190020003
Nut for material fitting 90°		●	●		V2190016000
Fitting-PF-M-R1/8-530bar-SSt		●	●		2324032
IC air regulator set		●	●		2407244
Conversion set needle stroke - micrometer screw		●	●		2407259
Conversion set without needle adjustment		●	●		2407261
Fitting set for mounting without adapter		●	●		2411643
Service sets					
Service set GM 1030P	●				2400784
Service set GA 1030		●			2407254
Service set piston		●	●		2407247
Service set piston without valves		●	●		2411646
Service set GA 1900				●	2394319

Accessories SupraCoat

WAGNER offers you an extensive range of accessories for the SupraCoat spray gun.
Select your required components from the table.

	GA 3000SCIC	GA 3000SCEC	
Nozzles - flat jet			
Nozzle SC3000 0.50 set	●	●	383930
Nozzle SC3000 0.80 set	●	●	383931
Nozzle SC3000 1.00 set	●	●	383932
Nozzle SC3000 1.25 set	●	●	383933
Nozzle SC3000 1.60 set	●	●	383934
Nozzle SC3000 2.00 set	●	●	383935
Nozzle SC3000 2.50 set	●	●	383936
Nozzle SC3000 0.3 set	●	●	383937
Air caps - flat jet			
Air cap SC3000 2.00	●	●	383920
Air cap SC3000 2.50	●	●	383921
Air cap SC3000 3.15	●	●	383922
Air cap SC3000 4.00	●	●	383923
Material connection			
Connection set C D19	●	●	383960
Connection set C M24x1.5-d19	●	●	383961
Hose cover M24x1.5-d19	●	●	383962
Lock pin circulation			
Lock pin cpl.	●	●	380923
Lock pin cpl. UV	●	●	380963
Assembly accessories			
Holder standard 180	●	●	380941
Holder rotatable	●	●	380942
Part-turn actuator cpl.	●	●	380943
Holder rotatable 40/40/5	●	●	380945
Roboter adapter plate Fanuc to ABB D63		●	383980
Air hose			
Hose PEN 8/5.5 red	●	●	9982063
Hose PEN 8/5.5 green	●	●	9982077
Other accessories			
Conversion kit GA 3000SC IC UV set	●		383965
Conversion kit GA 3000SC EC UV		●	383983

Electrostatic airspray manual and automatic guns

WAGNER electrostatic manual and automatic guns convince with high reliability, process and operating safety. Thanks to their external power supply with WAGNER control units, the guns are very light, robust and vibration-free. The operating concept offers flexibility and ease of use.

GM 5000EA

GA 5000EA

GM 5020EAW

GA 5000EAW

Atomisation				
Conventional flat jet	●	●	●	●
Conventional wide jet	●	●	●	●
Conventional round jet	●	●	●	●
Processable material				
Solvent-based material	●	●		
Solvent-based - lightly conductive	●	●		
Solvent-based metallic paint	●	●		
Water-based - flame-resistant			●	●
Nozzle sizes				
Round jet ring gap Ø	8 mm, 12 mm	8 mm, 12 mm	8 mm, 12 mm	8 mm, 12 mm
Flat jet Ø	0.6 - 2.0 mm	0.6 - 2.0 mm	0.3 - 2.0 mm	0.3 - 2.0 mm
Mounting				
Manual gun	●		●	
Direct mounting (without adapter plate)		●		●
Control unit				
VM 500	●			
VM 5000	●			
EPG 5000		●		
VM 5020W			●	
VM 5020WA				●
AquaCoat (cabinet)				
AquaCoat 5010			●	●
AquaCoat 5020			●	●

Overview electrostatic airspray

The range of electrostatic spray guns includes both manual and automatic guns for processing solvent and water-based paints. With the AquaCoat product family, WAGNER additionally offers a special ready-to-use system for the simple and safe application of water-based paints.

	Solvent-based	Water-based
Manual	 GM 5000EA VM 5000 VM 500 High voltage cascade integrated in the spray gun Accessories for the application of higher conductive Material and metallics	 GM 5020EAW AquaCoat 5010 manual AquaCoat 5020 manual Optional window with Controller VM 5020 High voltage cascade integrated in the spray gun
Automatic	 GA 5000EA EPG 5000 High voltage cascade integrated in the spray gun Internal or external air control	 GA 5000EAW AquaCoat 5010 automatic AquaCoat 5020 automatic Optional window With Controller VM 5020A & built-in cascade High voltage cascade in AquaCoat cabinet Internal or external air control

GM 5000EA

Airspray electrostatic manual gun

Electrostatic manual gun for airspray applications with low-conductive solvent-based lacquers. With integrated high-voltage cascade. Additionally required: Control unit VM 500 or VM 5000

Technical data	
Output current	100 µA
Material conductivity	18,5 MΩ.cm - 123 MΩ.cm
Material conductivity LowR	6,2 MΩ.cm - 123 MΩ.cm
Material pressure	0 bar - 8 bar
Material inlet	G 1/4" - M
Air inlet pressure range	0 bar - 8 bar
Compressed air connection	M - G 1/4"
Material temperature range	50 °C
Length	261 mm
Height	245 mm
Weight	630 g

Product variants	Item no.
GM 5000EA	2309870
GM 5000EA - FM	2344471
GM 5000EA spiral coiled tube	2363668

Processable materials

Weakly conductive, solvent-based paints, primers and separating agents (1K and 2K)

Scope of delivery

GM 5000EA (without nozzle and air cap)
Gun protection

Order information

Consider conductivity.
In addition to individual guns, ready-to-spray sets can be composed, consisting of gun, nozzle, material hose pack and control unit.
Comprehensive accessories range.

GA 5000EA

Automatic Airspray electrostatic gun for solvent-based material

Electrostatic automatic gun for low pressure applications, internal or external control of shaping and atomisation air. For solvent-based paint.

Technical data	
Output voltage max.	80 kV
Output current max.	100 µA
Material conductivity	18,5 MΩ.cm - 123 MΩ.cm
Material conductivity LowR	6,2 MΩ.cm - 123 MΩ.cm
Nozzle diameter	0,3 mm - 2 mm
Material pressure	8 bar
Material inlet	G 1/4" - M
Air inlet pressure range	8 bar
Sound level	73 dB(A)
Material temperature range	50 °C
Length	272 mm
Width	74 mm
Height	135 mm
Weight	1,200 g

Product variants	Item no.
GA5000 EA EC	2360901
GA5000 EA IC	2360900

Processable materials

1K solvent-based primers
1K solvent-based paints
2K solvent-based primers
Solvent-based separating agents

Scope of delivery

GA 5000EA internal or external control
(without nozzle and air cap)

Order information

Determine the required control unit and nozzle size.
Determine other accessories, such as hoses, cables, mounting, etc.
Select the type of nozzle system (round or flat spray).

VM 500

Control unit for GM5000 EA

Control unit to drive the electrostatic manual guns GM 5000 and GM5000 EAC. 80 kV with monitoring function and safety cut-off.

Technical data	
Input voltage	115 – 230 V
Gun voltage	80 kV
Gun spray current	100 µA
Input power	40 W
Input frequency	50 – 60 Hz
Protection class	IP 54
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	2,3 kg, 5.1 lb
Length	230,0 mm, 9.1 in.
Width	180 mm, 7.1 in.
Height	120 mm, 4.7 in.

Product variants	Item no.
Controler VM 500	2310478
Controler VM 500 - FM	2344479

Scope of delivery

Grounding cable complete 10 m, 33 ft

Power cord 3 m

Order information

Control unit for GM 5000EA/EAC

VM 5000

Control unit for GM5000 EA/EAC

Control unit to drive the electrostatic manual guns GM 5000EA and GM 5000EAC. Adjustable high-voltage, recipe changes, safety monitoring and many other features.

Technical data	
Input voltage	115 – 230 V
Gun voltage	80 kV
Gun spray current	100 µA
Input power	40 W
Input frequency	50 – 60 Hz
Protection class	IP 54
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	2.3 kg, 5.1 lb
Length	250.0 mm, 9.8 in.
Width	180 mm, 7.1 in.
Height	120 mm, 4.7 in.

Product variants	Item no.
Controler VM 5000	2310477
Controler VM 5000 - FM	2344480

Scope of delivery

Grounding cable complete 10 m, 33 ft

Power cord 3 m

Order information

Control unit for GM 5000EA/EAC, GA 5000EA/EAC

EPG 5000

Control unit for GA 5000EA/EAC

EPG 5000 controls automatic electrostatic automatic guns for the application of solvent-based lacquers.

Technical data	
Input voltage	115 – 250 V
Gun voltage	80 kV
Input current	0.5 A
Gun spray current	100 µA
Input power	40 W
Protection class	IP 40
Air inlet pressure	0.4 – 0.8 MPa, 4,0 – 8,0 bar, 58 – 116 PSI
Max. number of guns	1
Operating temperature	0 – 40 °C, 32.0 – 104.0 °F
Weight	6.7 kg, 14.8 lb
Width	370 mm, 14.6 in.
Height	136 mm, 5.4 in.
Depth	295 mm, 11.6 in.

Product variants	Item no.
Control unit EPG 5000	2359918

Scope of delivery

EPG 3000

Grounding cable complete 10 m, 33 ft

Power cord 3 m

Order information

Control unit for GA 5000EA/EAC

Accessories electrostatic airspray guns

WAGNER offers you an extensive range of accessories for electrostatic airspray guns.
Select your required components from the table.

	GM 5000EA	GM 5000EA FM	GA 5000EA	
Mounting				
Wall mounting GM 5000E (left/right)	●	●		2326485
Valve tip & valve seats				
Valve tip air cpl. (PEEK)	●	●	●	2312184
Valve tip air cpl. (steel)	●	●	●	2312185
Valve seat air cpl. (steel)	●	●	●	2312179
Valve seat air cpl. (PEEK)	●	●	●	2312176
Valve tip EAW cpl. (PEEK)	●	●	●	2312187

Nozzles - flat jet				
Nozzle EAF 5000 - 0.6 mm	●	●	●	2310539
Nozzle EAF 5000 - 0.8 mm	●	●	●	2310540
Nozzle EAF 5000 - 1.0 mm	●	●	●	2310541
Nozzle EAF 5000 - 1.2 mm	●	●	●	2310542
Nozzle EAF 5000 - 1.4 mm	●	●	●	2310543
Nozzle EAF 5000 - 1.6 mm	●	●	●	2310544
Nozzle EAF 5000 - 1.8 mm	●	●	●	2310545
Nozzle EAF 5000 - 2.0 mm	●	●	●	2310546

Air caps - flat jet				
Air cap EAF 5000 - 0.4-0.8S	●	●	●	2310506
Air cap EAF 5000 - 1.0-1.4S	●	●	●	2310507
Air cap EAF 5000 - 1.6-2.0S	●	●	●	2310508
Air cap EAF 5000 - 0.4-0.8W	●	●	●	2314255
Air cap EAF 5000 - 1.0-1.4W	●	●	●	2314256
Air cap EAF 5000 - 1.6-2.0W	●	●	●	2314258

Nozzles - round jet				
Nozzle AR 5000 - D8	●	●	●	2310558
Nozzle AR 5000 - D12	●	●	●	2315050
Nozzle set EARV 5000 LV	●	●	●	2361290
Nozzle set EARV 5000 HV	●	●	●	2365979

Air caps - round jet				
Air cap AR 5000 - D8	●	●	●	2310557
Air cap AR 5000 - D12	●	●	●	2315049

Gun flush box				
Gun flush box for GM 5000 EA/EAC round jet	●	●		2327973

Accessories electrostatic airspray guns

WAGNER offers you an extensive range of accessories for electrostatic airspray guns.
Select your required components from the table.

	GM 5000EA	GM 5000EA FM	GA 5000EA	
Control units				
Control unit VM 500	●			2310478
Control unit VM 5000	●		●	2310477
Control unit VM 500 (USA)		●		2344479
Control unit VM 5000 (USA)		●		2344480
Control unit EPG 5000			●	2359918
Hose packages airspray				
Hose set GM 5000EA (7.5 m)	●			2339167
Hose set GM 5000EA (10 m)	●			2339168
Hose set GM 5000EA (15 m)	●			2339169
Hose set GM 5000EA (20 m)	●			2339170
Hose set GM 5000EA (7.5 m), Low R	●			2339175
Hose set GM 5000EA (10 m), Low R	●			2339176
Hose set GM 5000EA (15 m), Low R	●			2339177
Hose set GM 5000EA (20 m), Low R	●			2339178
Hose set GM 5000EA USA (7.5 m)		●		2356991
Hose set GM 5000EA USA (10 m)		●		2356992
Hose set GM 5000EA USA (15 m)		●		2356993
Hose set GM 5000EA USA (20 m)		●		2356994
Hose set GM 5000EA USA Low R (7.5 m)		●		2357021
Hose set GM 5000EA USA Low R (10 m)		●		2357022
Hose set GM 5000EA USA Low R (15 m)		●		2357023
Hose set GM 5000EA USA Low R (20 m)		●		2357024
LP-hose-DN6-PN20-G1/4“-7.5 m-PA			●	2339130
LP-hose-DN6-PN20-G1/4“-10 m-PA			●	2339131
LP-hose-DN8-PN17-G1/4“-15 m-PA			●	2339132
LP-hose-DN8-PN17-G1/4“-20 m-PA			●	2339133
Material hose GA EA (7.5 m) LowR			●	2367203
Material hose GA EA (10 m) LowR			●	2367204
Material hose GA EA (15 m) LowR			●	2367205
Material hose GA EA (20 m) LowR			●	2367206
Assembly accessories				
Holder standard 180			●	380941
Holder turnable			●	380942
Holder turnable 40/40/5			●	380945
Part turn actuator cpl.			●	380943
Adapter plate Cefla			●	2314079

	GM 5000EA	GM 5000EA FM	GA 5000EA	
Accessories metallic application				
Spiral hose cpl.	●			2355046
Spiral hose cpl. (USA)		●		2355047
Spiral hose GA EA cpl.			●	2367216
Extension & control cables				
Gun cable GM 5000E 25 m			●	2339160
Gun cable GM 5000E 32 m			●	2344995
Gun cable GM 5000E 62 m			●	2344996
Other accessories				
Retrofit PSV to GM 5000EA/EAC round jet	●	●		2328626
Paint resistivity meter RS 500	●	●		2326041
H.V.tester HV200 N	●	●		259010
Gun cover	●	●		2319653

Accessories control units

WAGNER offers you an extensive range of accessories for control units.
Select your required components from the table.

	VM 500	VM 500 FM	VM 5000	VM 5000 FM	EPG 5000	
Mounting						
Holder control unit cpl.	●	●	●	●		2327509
Rack mounting cpl.					●	2369616
Wall mounting cpl.					●	2369636
Extension & control cables						
Mains cable Europe (Schuko)	●		●			241270
Mains cable CH	●		●			241271
Mains cable USA	●	●	●	●		264626
Mains cable Japan	●		●			264625
Earthing cable 10 m	●	●	●	●		130215
Earthing cable cpl. 3 m	●	●	●	●		236219
Interface cable VM 5000			●	●	●	2317600
Interface cable EPG 5000 5 m					●	360393
Interface cable EPG 5000 15 m					●	360391

GM 5020EAW

Airspray electrostatic manual gun for water-based paints

Electrostatic manual gun for airspray applications with separating agents and water-based lacquers. Internal charging with integrated high-voltage cascade.

Technical data	
Output voltage max.	70 kV
Output current max.	100 µA
Material conductivity	1 kΩ.cm - 1 MΩ.cm
Nozzle diameter	0.3 mm - 2 mm
Material pressure	0 bar - 8 bar
Material inlet	G 1/4" - M
Air inlet pressure range	0 bar - 8 bar
Compressed air connection	M - G 1/4"
Sound level	78 dB(A)
Material temperature range	50 °C
Length	261 mm
Height	245 mm
Weight	580 g

Product variants	Item no.
GM 5020EAW	2362852

Processable materials

1K water-based primers
1K water-based paints
2K water-based primers
Water-based paints (2K, 3K and 4K)
Separating agents

Scope of delivery

GM 5020EAW (with cascade, without nozzle and air cap)
Gun protection

Order information

Determine which additional accessories are required, e.g. hoses, cables, etc.
Determine the required nozzle size.
Select the type of nozzle system (round or flat spray).

GA 5000EAW

Automatic airspray electrostatic gun for water-based paints

Electrostatic automatic gun for low-pressure applications, internal or external control of shaping and atomisation air. For water-based paints.

Technical data	
Output voltage max.	80 kV
Output current max.	100 µA
Material conductivity	1 kΩ.cm - 1 MΩ.cm
Nozzle diameter	0.3 mm - 2 mm
Material pressure	8 bar
Material inlet	G 1/4" - M
Air inlet pressure range	8 bar
Sound level	78 dB(A)
Material temperature range	50 °C
Length	272 mm
Width	74 mm
Height	135 mm
Weight	1,000 g

Product variants	Item no.
GA5000 EAW EC	2366350
GA5000 EAW IC	2366351

Processable materials

1K water-based primers
1K water-based paints
2K water-based primers
Water-based paints (2K, 3K and 4K)
Water-based separating agents

Scope of delivery

GA 5000EAW internal or external control

Order information

Determine the required control unit and nozzle size.
Determine other accessories, such as hoses, cables, mounting, etc.
Select the type of nozzle system (round or flat spray).

AquaCoat 5010 & 5020 manual

Manual electrostatic - water-based lacquers

Slim cabinet for the electrostatic processing of water-based lacquers and separating agents with manual guns. Completely insulated construction with internal charging of the materials for manual spraying applications, airspray and AirCoat. Basic spray sets including cabinet and control unit, pump set and guns can also be customized.

Technical data	
Output voltage	70,0 kV
Output current	100 µA
Total capacity (slim version / large version)	30 l, 7,93 gal(US) / 60 l, 15,85 gal(US)
Length	560,0 mm, 22.0 in.
Width (slim version / large version)	800 mm, 31.5 in. / 1000 mm, 39.4 in.
Height	1470 mm, 57.9 in.

Product variants	Item no.
AquaCoat 5010 manual basic device	2363401
AquaCoat 5010G manual basic device	2363736
AquaCoat 5020 manual basic device	2363292
AquaCoat 5020G manual basic device	2363734
BS AQ5010 HP man. Evo 20-30 GM5020EACW	2364017
BS AQ5010 HP man. Puma 28-40 GM5020EACW	2370696
BS AQ5010 LP man. DD10 GM5020EAW	2364016
BS AQ5010 LP man. ZIP 52 GM5020EAW	2364014
BS AQ5020 HP man. Cobra 40-10 GM5020EACW	2364022
BS AQ5020 HP man. Evo 20-30 GM5020EACW	2364020
BS AQ5020 HP man. Puma 28-40 GM5020EACW	2364021
BS AQ5020 LP man. DD10 GM5020EAW	2364019
BS AQ5020 LP man. ZIP 52 GM5020EAW	2364018

Scope of delivery

Operating manual
CE declaration of conformity
Grounding cable
Insulated cabinet with VM 5020W control unit
Power cord
Doors with window as option

Order information

The basic set contains the control unit, a pump set ready to fit and the GM 5020 manual gun.
The basic device contains the control unit.
Your authorized WAGNER partner will produce the system ready for spraying to suit the application requirement.

AquaCoat 5010 & 5020 automatic

Automatic electrostatic - water-based lacquers

Coating system for the electrostatic processing of water-based lacquers and separating agents with automatic guns. Completely insulated construction with internal charging Complete the system with a pump set, hoses and automatic guns.

Technical data	
Output voltage	80,0 kV
Output current	100 µA
Total capacity (slim version / large version)	30 l, 7,93 gal(US) / 60 l, 15,85 gal(US)
Length	560,0 mm, 22.0 in.
Width (slim version / large version)	800 mm, 31.5 in. / 1000 mm, 39.4 in.
Height	1470 mm, 57.9 in.

Product variants	Item no.
AquaCoat 5010 automatic basic device	2363404
AquaCoat 5010G automatic basic device	2363737
AquaCoat 5020 automatic basic device	2363400
AquaCoat 5020G automatic basic device	2363735

Scope of delivery

AquaCoat cabinet
Operating manual
CE declaration of conformity
Grounding cable
Power cord
Control unit, high-voltage cascade
Doors with window as option

Order information

The basic device contains cascade and control unit.

VM 5020W

Control unit for AquaCoat 5010/5020 - manual

Control unit to drive the electrostatic manual guns GM 5020 EAW and GM 5020 EACW. Including adjustable high voltage, recipe changes, safety monitoring and many other functions.

Technical data	
Input voltage	115 – 230 V
Gun voltage	70 kV
Output current	100 µA
Input power	40 W
Input frequency	50 – 60 Hz
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	6,4 kg, 14.1 lb
Width	370 mm, 14.6 in.
Height	136 mm, 5.4 in.
Depth	268 mm, 10.6 in.

Product variants	Item no.
Control unit VM 5020W	2362954

Scope of delivery

VM 5020W

Order information

Select the device and required accessories.

VM 5020WA

Control unit for AquaCoat 5010/5020 - automatic

Control unit to drive the electrostatic manual guns GM 5000EAW and GM 5000EA. Including adjustable high voltage, recipe changes, safety monitoring and many other functions.

Technical data	
Input voltage	115 – 230 V
Gun voltage	80 kV
Output current	100 µA
Input power	40 W
Input frequency	50 – 60 Hz
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	6,4 kg, 14.1 lb
Width	370 mm, 14.6 in.
Height	136 mm, 5.4 in.
Depth	268 mm, 10.6 in.

Product variants	Item no.
Control unit VM 5020WA	2363323

Scope of delivery

VM 5020WA

Order information

Select the device and required accessories.

Accessories AquaCoat basic unit manual

WAGNER offers you an extensive range of accessories for the manual AquaCoat basic units.
Select your required components from the table.

	AquaCoat 5010 **2363401**	AquaCoat 5010G **2363736**	AquaCoat 5020 **2363292**	AquaCoat 5020G **2363734**	
Gun					
GM 5020EAW	●	●	●	●	2362852
Pump					
ZIP 52 Set for AquaCoat	●	●	●	●	2363856
DD10 set for AquaCoat	●	●	●	●	2364024
Hose packages airspray					
Hose set (7.5 m)	●	●	●	●	2339183
Hose set (10 m)	●	●	●	●	2339184
Hose set (15 m)	●	●	●	●	2339185
Hose set (20 m)	●	●	●	●	2339186
Other accessories					
Hose holder	●	●	●	●	353050
Gun holder assy.	●	●	●	●	2359097
Undercarriage 5010 with rollers assy.	●	●			2364394
Undercarriage 5020 with rollers assy.			●	●	2359029
Insert tray 5010	●	●			2364790
Insert tray 5020			●	●	2364791
Level monitoring with horn	●	●	●	●	353053
Drum cover D350 with agitator	●	●	●	●	353055
Drum cover D350 without agitator	●	●	●	●	353054

Accessories AquaCoat basic unit automatic

WAGNER offers you an extensive range of accessories for the automatic AquaCoat basic units.
Select your required components from the table.

	AquaCoat 5010 **2363404**	AquaCoat 5010G **2363737**	AquaCoat 5020 **2363400**	AquaCoat 5020G **2363735**	
Gun					
GA 5000EAWEC	●	●	●	●	2366350
GA 5000EAWIC	●	●	●	●	2366351
Pump					
ZIP 52 set for AquaCoat	●	●	●	●	2363856
DD10 set for AquaCoat	●	●	●	●	2364024
Other accessories					
Hose holder	●	●	●	●	353050
Level monitoring with horn	●	●	●	●	353053
Drum cover D350 without agitator	●	●	●	●	353054
Undercarriage 5020 with rollers assy.			●	●	2359029
Gun holder assy.	●	●	●	●	2359097
Undercarriage 5010 with rollers assy.	●	●			2364394
Insert tray 5010	●	●			2364790
Insert tray 5020			●	●	2364791
Drum cover D350 with agitator	●	●	●	●	353055
Hose packages airspray					
Material hose EAW cpl. (7.5 m)	●	●	●	●	2368087
Material hose EAW cpl. (10 m)	●	●	●	●	2368088
Material hose EAW cpl. (15 m)	●	●	●	●	2368089
Material hose EAW cpl. (20 m)	●	●	●	●	2368090
Material hose WA EAW cpl. (7.5 m)	●	●	●	●	2368147
Material hose WA EAW cpl. (10 m)	●	●	●	●	2368150
Material hose WA EAW cpl. (15 m)	●	●	●	●	2368151
Material hose WA EAW cpl. (20 m)	●	●	●	●	2368152

Accessories control units electrostatic water-based

WAGNER offers you an extensive range of accessories for the control units electrostatic water-based.
Select your required components from the table.

	VM 5020W	VM 5020WA	
Extension & control cables			
Mains cable Europe (Schuko)	●	●	241270
Mains cable with STAK 200 10 m	●	●	2330628
Mains cable Japan	●	●	264625
Mains cable CH	●	●	241271
Mains cable USA	●	●	264626
Earthing cable 10 m	●	●	130215
Earthing cable cpl. 3 m	●	●	236219

TOPFINISH RobotBell 1

High-speed rotation atomizers

With the high-speed rotation atomizer WAGNER TOPFINISH RobotBell 1, both small workpieces and large surfaces can be coated with high efficiency. For mounting on robots.

Technical data	
Nozzle diameter	0.8 mm - 1.7 mm
Material pressure	8 bar
Material inlet	G 1/4“ - M
Air inlet pressure range	8 bar
Air XXX	0.8 l/min
Material temperature range	50 °C
Ambient temperature range	0 °C - 40 °C
Length	413 mm
Width	120 mm
Weight	5.1 kg

Product variants	Item no.
TF RobotBell 1 / Bell 1S VC	2373517

Processable materials

Water and solvent based materials
Pre mixed 2K materials
Micro corrosion protection paints
Sol-gel
UV material

Scope of delivery

The atomizer is supplied complete with air guide ring, bell plate, distributor and nozzle.

Order information

Select the size of the bell plate including material, as well as the size of the nozzle and the number of material colors in the configurator.

TOPFINISH Bell 1S

High-speed rotation atomizers

With the high-speed rotation atomizer WAGNER TOPFINISH Bell1S, both small workpieces and large surfaces can be coated with high efficiency. For mounting on lifting devices and linear axes.

Technical data	
Nozzle diameter	0.8 mm - 1.7 mm
Material pressure	8 bar
Material inlet	G 1/4“
Air inlet pressure range	8 bar
Air XXX	0.8 l/min
Material temperature range	50 °C
Ambient temperature range	0 °C - 40 °C
Length	287 mm
Width	113 mm
Height	202 mm
Weight	4 kg

Product variants	Item no.
TF RobotBell 1 / Bell 1S VC	2373517

Processable materials

Water and solvent based materials
Pre mixed 2K materials
Micro corrosion protection paints
Sol-gel
UV material

Scope of delivery

The atomizer is supplied complete with air guide ring, bell plate, distributor and nozzle.

Order information

Select the size of the bell plate including material, as well as the size of the nozzle and the number of material colors in the configurator.

Accessories high-speed rotation atomizer

WAGNER offers you an extensive range of accessories for the high-speed rotation atomizer.
Select your required components from the table.

	TOPFINISH RobotBell 1	TOPFINISH Bell 1S	
Bell cup			
Bell cup Al D30 smooth cpl.	●	●	2372511
Bell cup Al D30 straight cpl.	●	●	2372512
Bell cup Al D30 cross cpl.	●	●	2372513
Bell cup Al D50 smooth cpl.	●	●	2372514
Bell cup Al D50 straight cpl.	●	●	2372515
Bell cup Al D50 cross cpl.	●	●	2372516
Bell cup Al D70 smooth cpl.	●	●	2372517
Bell cup Al D70 straight cpl.	●	●	2372520
Bell cup Al D70 cross cpl.	●	●	2372519
Bell cup Ti D30 smooth cpl.	●	●	2372521
Bell cup Ti D30 straight cpl.	●	●	2372522
Bell cup Ti D30 cross cpl.	●	●	2372523
Bell cup Ti D50 smooth cpl.	●	●	2372524
Bell cup Ti D50 straight cpl.	●	●	2372525
Bell cup Ti D50 cross cpl.	●	●	2372527
Bell cup Ti D70 smooth cpl.	●	●	2372528
Bell cup Ti D70 straight cpl.	●	●	2372529
Bell cup Ti D70 cross cpl.	●	●	2372530
Air guides			
Air guide 30 cpl.	●	●	2372462
Air guide 30 HVLP cpl.	●	●	2394136
Air guide 50 cpl.	●	●	2372463
Air guide 50 HVLP cpl.	●	●	2394137
Air guide 70 cpl.	●	●	2372464
Air guide 70 HVLP cpl.	●	●	2394138
Nozzles			
Nozzle 0.8 cpl.	●	●	2371466
Nozzle 1.1 cpl.	●	●	2371467
Nozzle 1.4 cpl.	●	●	2371468
Nozzle 1.7 cpl.	●	●	2371469
Distributor disc			
Distributor disc	●	●	2372246
Valve discs			
Valve disc 2 x colors	●	●	2391613
Valve disc 4 x colors	●	●	2391617

	TOPFINISH RobotBell 1	TOPFINISH Bell 1S	
Mounting			
RobotBell holder A	●		2391680
RobotBell holder B	●		2391683
TF RB holder for GA 1900 gun adapter	●		2394082
Holder TOPFINISH Bell 1S		●	2384350
Gun adapter			
Gun adapter TF RB 1 for GA 1900	●		2392156
Gun adapter TF RB 1 for GA 1030	●		2411634
Tools			
Mounting tool 30 mm	●	●	2384297
Mounting tool 50 mm	●	●	2384302
Mounting tool 70 mm	●	●	2384304
Hook wrench	●	●	2384305
Press out pin for distributor disc	●	●	2385642
Teach-peak	●	●	2393703
Hexagon socket	●	●	2396538
Control units			
Control unit RBC 1E	●	●	2373752
RBC-1 E, +SHV	●	●	2373753
RBC-1 E, +SHV 1	●	●	2373754
RBC-1 E, +SHV2	●	●	2386883
Stand for control unit	●	●	3064115
Interface cables			
Cabel set / RBC -> HV for 2373753	●	●	2373613
Cabel set / RBC -> HV1 for 2373754	●	●	2373614
Fibre optic cable 9.9 m	●	●	2335584
Fibre optic cable 15.0 m	●	●	387101
Hoses / Hose packages			
L hose package RobotBell 10 m	●	●	2373986
L hose package RobotBell 15 m	●	●	2373994
M hose package RobotBell 10 m	●	●	2373997
M hose package RobotBell 15 m	●	●	2373999

AirCoat manual and automatic guns

WAGNER AirCoat combines airless and air atomizing spraying technologies. It not only delivers an excellent coating quality using significantly less spray pressure than airless and significantly less overspray than the airspray procedure, but is also a lot faster. WAGNER AirCoat manual and automatic guns offer not only ease of use, ergonomics, and low maintenance, but also precision and a long service life.

GM 4100AC

GM 4700AC

GM 4700AC-H

GA 4000AC

Atomisation					
Flat jet LV (low viscosity)	●	●	●	●	
Flat jet HV (high viscosity)	●	●	●	●	
Round spray	●	●	●	●	
Processable material					
Solvent-based material	●	●	●	●	
Solvent-based - lightly conductive	●	●	●	●	
Solvent-based metallic paint	●	●		●	
Water-based material	●	●	●	●	
Heated material up to 60 °C				●	
Heated material up to 80 °C			●	●	
Mounting					
Manual gun	●	●	●		
Adapter plate stainless steel				●	
Adapter plate aluminum (nickel-plated)				●	
Direct mounting (without adapter plate)					
Nozzle system					
Standard AirCoat nozzles	●	●	●	●	
Pre-atomizer AirCoat nozzles	●	●	●	●	
High precision nozzle S2	●	●	●	●	
Round spray nozzle	●	●	●	●	
Nozzle sizes					
Flat jet (10° - 80°) [inch]	0.007 - 0.023	0.007 - 0.023	0.007 - 0.023	0.007 - 0.023	
Flat jet (10° - 80°) [mm]	0.18 - 0.58	0.18 - 0.58	0.18 - 0.58	0.18 - 0.58	
Round spray [inch]	0.011 - 0.056	0.011 - 0.056	0.011 - 0.056	0.011 - 0.056	
Round spray [mm]	0.28 - 0.53	0.28 - 0.53	0.28 - 0.53	0.28 - 0.53	
Control unit					
VM 500					
VM 5000					
EPG 5000					
VM 5020W					
VM 5020WA					
AquaCoat (cabinets)					
AquaCoat 5010					
AquaCoat 5020					

GM 5000EAC

GA 5000EAC

GM 5000EACW

GA 5000EACW

●	●	●	●
●	●	●	●
●	●	●	●
●	●		
●	●		
●	●		
		●	●
●	●	●	●
●			
	●		●
●	●	●	●
●	●	●	●
0.007 - 0.023	0.007 - 0.023	0.007 - 0.023	0.007 - 0.023
0.18 - 0.58	0.18 - 0.58	0.18 - 0.58	0.18 - 0.58
0.011 - 0.056	0.011 - 0.056	0.011 - 0.056	0.011 - 0.056
0.28 - 0.53	0.28 - 0.53	0.28 - 0.53	0.28 - 0.53
●			
●			
	●		
		●	
			●
		●	●
		●	●

Overview electrostatic AirCoat

The range of electrostatic spray guns includes both manual and automatic guns for processing solvent and water-based paints. With the AquaCoat product family, WAGNER additionally offers a special ready-to-use system for the simple and safe application of water-based paints.

	Solvent-based	Water-based
Manual	 GM 5000EAC VM 5000 VM 500 High voltage cascade integrated in the spray gun Accessories for the application of higher conductive Material and metallics	 GM 5020EACW AquaCoat 5010 manual AquaCoat 5020 manual Optional window with Controller VM 5020 High voltage cascade integrated in the spray gun
Automatic	 GA 5000EAC EPG 5000 High voltage cascade integrated in the spray gun Internal or external air control	 GA 5000EACW AquaCoat 5010 automatic AquaCoat 5020 automatic Optional window With Controller VM 5020A & built-in cascade High voltage cascade in AquaCoat cabinet Internal or external air control

GM 4100AC

AirCoat manual gun

Light AirCoat manual gun with excellent ergonomics for smaller hands. With various nozzles and air caps for materials with low and highest viscosity.

Technical data	
Nozzle diameter	0.007“ - 0.023“
Material pressure	250 bar
Material inlet	NPSM 1/4“ - M
Air inlet pressure range	0 bar - 8 bar
Compressed air connection	M - G 1/4“
Sound level	82 dB(A)
Material temperature range	55 °C
Length	173 mm
Height	206 mm
Weight	600 g

Product variants	Item no.
GM 4100AC - 22000	2302514
GM 4100AC - 21000	2302513
GM 4100AC 25MPa NPSM1/4“	394012

Processable materials

Water and solvent-based material

Material-wetted parts

Stainless steel
Tungsten carbide
POM
PTFE
PA

Scope of delivery

Manual spray gun
Retainer cap for max. material pressure 160/250 bar
Edge filter 100 meshes

Order information

Please always order the nozzle separately.
Selectable with or without air cap.

GM 4700AC

AirCoat manual gun

Light AirCoat manual gun with excellent ergonomics for larger hands. With various nozzles and air caps for materials with low and highest viscosity.

Technical data	
Nozzle diameter	0.007" - 0.023"
Material pressure	250 bar
Material inlet	NPSM 1/4" - M
Air inlet pressure range	0 bar - 8 bar
Compressed air connection	M - G 1/4"
Sound level	82 dB(A)
Material temperature range	80 °C
Length	173 mm
Height	216 mm
Weight	597 g

Product variants	Item no.
GM 4700AC 25MPa NPSM1/4"	2313585
GM 4700AC 25MPa-HV plus	2313587
GM 470AC 25MPa-LA plus	2313588
GM 4700AC 25MPa-LV plus	2313586
GM 4700AC-H 35MPa NPSM1/4"	2315700

Processable materials

Water and solvent-based material

Material-wetted parts

Stainless steel
Tungsten carbide
POM
PTFE
PA

Scope of delivery

Manual spray gun
Cage filter 100 meshes
Swivel joint (paint)
Retainer cap for max. material pressure 160/250 bar

Order information

Please always order the nozzle separately.
Selectable with or without air cap.

GA 4000ACIC

AirCoat automatic gun

AirCoat automatic gun with internal control for the installation in automated paint spraying systems. Various base plates allow numerous installation options. With or without circulation.

Technical data	
Nozzle diameter	0.007“ - 0.023“
Material pressure	250 bar
Material inlet	G 1/4“ - F
Air inlet pressure range	0 bar - 8 bar
Compressed air connection	8 mm
Sound level	82 dB(A)
Material temperature range	80 °C
Ambient temperature range	5 °C - 40 °C
Length	129 mm
Width	47 mm
Height	60 mm
Weight	678 g

Product variants	Item no.
Packing insert GA 4000AC (RP)	2338601
Gun GA 4000ACIC	2312132
Gun GA 4000ACIC (RP)	2338603
Set GA 4000ACIC OEM 1 - LV	2328596
Set GA 4000ACIC OEM 2 - HV	2328597
Set GA 4000ACIC OEM 3 - LV	2364644
Set GA 4000ACIC OEM 4 - HV	2364645
Set GA 4000ACIC-R	2313559
Set GA 4000ACIC-S	2313558

Processable materials

Water and solvent-based material

UV material

Material-wetted parts

Stainless steel

Tungsten carbide

POM

PTFE

UHMW-PE

PA

Scope of delivery

Automatc spray gun

Order information

Please order air cap, nozzle and base plate separately.

Take material and air connections into account.

Variant (RP) with package insert for opening.

Diverse selection of accessories for assembly and system integration.

GA 4000ACEC

AirCoat automatic gun

AirCoat automatic gun with external control for the installation in automated paint spraying systems. Various base plates allow numerous installation options. With or without circulation.

Technical data	
Nozzle diameter	0.007" - 0.023"
Material pressure	250 bar
Material inlet	G 1/4" - F
Air inlet pressure range	0 bar - 8 bar
Compressed air connection	8 mm
Sound level	82 dB(A)
Material temperature range	80 °C
Ambient temperature range	5 °C - 40 °C
Length	115 mm
Width	47 mm
Height	60 mm
Weight	637 g

Product variants	Item no.
Base plate GA 4000ACEC-Fanuc Robot	2313677
Base plate GA 4000ACEC-R	2308812
Base plate GA 4000ACEC side con.	2312146
Gun GA 4000ACEC	2312145
Gun GA 4000ACEC (RP)	2338602
Set GA 4000ACEC-R	2313560

Processable materials

Water and solvent-based material
UV material

Material-wetted parts

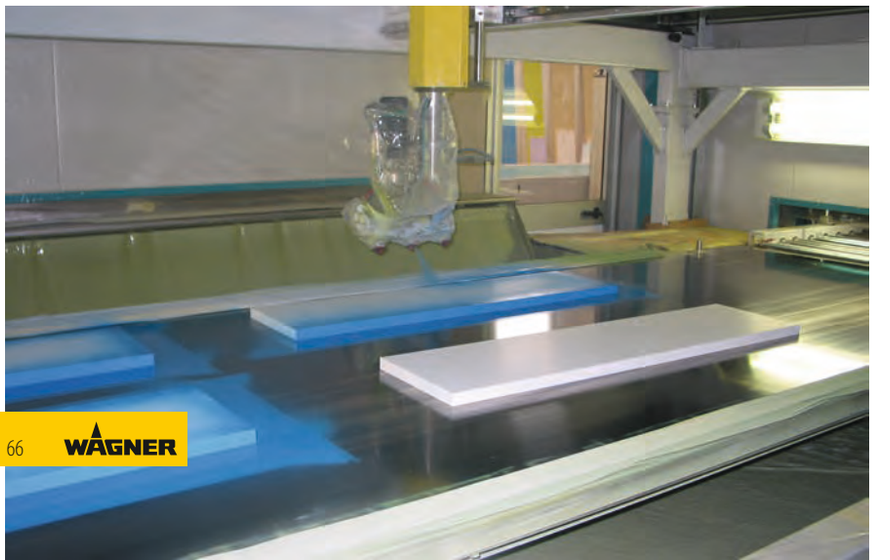
Stainless steel
Tungsten carbide
POM
PTFE
UHMW-PE
PA

Scope of delivery

Operating manual
CE declaration of conformity
GA 4000AC

Order information

Please order air cap, nozzle and base plate separately.
Take material and air connections into account.
Variant (RP) with package insert for opening.
Diverse selection of accessories for assembly and system integration.



Accessories AirCoat guns

WAGNER offers you an extensive range of accessories for AirCoat guns.
Select your required components from the table.

	GM 4100AC	GM 4700AC	GM 4700AC-H	GA 4000ACIC	GA 4000ACEC	
Filter inserts						
Edge filter 60 mesh	●					3204604
Edge filter 100 mesh	●					3204605
Edge filter 200 mesh	●					9999002
Cage filter -200MA-red -10 pcs.		●	●			2315723
Cage filter -150MA-blue -10 pcs.		●	●			2315724
Cage filter -100MA-yellow -10 pcs.		●	●			2315725
Cage filter -50MA-white -10 pcs.		●	●			2315726
Cage filter -30MA-green-10 pcs.		●	●			2365429
Nozzles - flat jet						
Nozzle ACF3000 (see nozzle chart)	●	●	●	●	●	379xxx
ACF 3000 plus (see nozzle chart)	●	●	●	●	●	321xxx
ACF 3000 S2 (P4) (see nozzle chart)				●	●	xxx
Air caps - flat jet						
Air cap HV plus (blue / GM 4x00AC)	●	●	●			2313497
Air cap LV plus (red / GM 4x00AC)	●	●	●			2313494
Air cap LA plus (bronze / GM 4x00AC)	●	●	●			2313498
Air cap HV plus (blue / GA 4000AC)				●	●	2308809
Air cap LV plus (red / GA4000AC)				●	●	2308808
Air cap LA plus (bronze / GA 4000AC)				●	●	2313493
Nozzles - round jet						
Nozzle insert R11	●	●	●	●	●	132720
Nozzle insert R12	●	●	●	●	●	132721
Nozzle insert R13	●	●	●	●	●	132722
Nozzle insert R14	●	●	●	●	●	132723
Nozzle insert R15	●	●	●	●	●	132724
Nozzle insert R16	●	●	●	●	●	132725
Nozzle insert R17	●	●	●	●	●	132726
Nozzle insert R18	●	●	●	●	●	132727
Nozzle insert R19	●	●	●	●	●	132728
Nozzle insert R20	●	●	●	●	●	132729
Nozzle insert R21	●	●	●	●	●	132730
Nozzle insert R22	●	●	●	●	●	132731
Air caps - round jet						
Round spray nozzle extension	●	●	●	●	●	394180

Accessories AirCoat guns

WAGNER offers you an extensive range of accessories for AirCoat guns.
Select your required components from the table.

	GM 4100AC	GM 4700AC	GM 4700AC-H	GA 4000ACIC	GA 4000ACEC	
Nozzle extension						
Nozzle extension AC 300	●	●	●	●	●	394090
Nozzle extension AC 600	●	●	●	●	●	394091
Gun flush box						
Gun flush box for GM 4100 AC	●					2308814
Gun flush box for GM 4600/4700 AC		●	●			377174
Hose packages AirCoat						
AC-hose-DN4-PN270-1/4"NPS-7.5m-PA-T	●	●	●			2309706
AC-hose-DN4-PN270-1/4"NPS-15.0m-PA-T	●	●	●			2309634
AC-hose-DN4-PN270-1/4"NPS-20.0m-PA-T	●	●	●			2309635
AC-hose-DN3-PN270-1/4"NPS-7.5m-PA-T	●	●	●			2309705
AC-hose-DN4-PN270-1/4"NPS-10.0m-PA-T	●	●	●			2312801
Fitting-EF-MM-R1/4-G1/4-530bar-SSt				●	●	2331202
Fitting-DF-MM-G1/4-G1/4-530bar-SSt				●	●	350550
Material hose for electrostatic with water-based paints						
Hose-DN4-PN250-G1/4"-1.3m-FEP				●	●	2359881
Hose-DN4-PN250-G1/4"-8.0m-FEP				●	●	2366740
Hose-DN4-PN250-G1/4"-6.0m-FEP				●	●	2366738
Hose-DN4-PN250-G1/4"-1.5m-FEP				●	●	2366737
Locking pin circulation						
Locking pin material channel EPDM cpl.				●	●	2310534
Locking pin material channel FKM cpl.				●	●	2314064
Swivel joint						
Fitting SJM-GM4100AC-1/4"NPS	●					394926
Swivel joint air	●					364938
Set swivel joint - GM 4100AC	●					394931
Assembly accessories						
Holder standard 180				●	●	380941
Holder turnable				●	●	380942
Part-turn actuator cpl.				●	●	380943
Adapter plate Cefla				●	●	2314079
Roboter adapter plate Fanuc to ABB D63					●	383980
Service sets						
Packing set GA 4000ACIC (EPDM)				●		2322532
Packing set GA 4000ACEC (EPDM)					●	2322533

AirCoat nozzles

To determine the article number of a nozzle, please select the number from the chart and replace the xxx. Example: To order a 411 nozzle use the article no.: 379411

Nozzle chart | ACF 3000

Part No. 379xxx

Size	Spray angle						
	10°	20°	30°	40°	50°	60°	80°
07	107	207		407			
09		209	309	409	509	609	
11	111	211	311	411	511	611	811
13	113	213	313	413	513	613	813
15	115	215	315	415	515	615	815
17		217	317	417	517	617	817
19		219	319	419	519	619	819
21		221		421	521	621	821
23				423		623	823
	55 (2.17)	100 (3.94)	145 (5.71)	195 (7.68)	250 (9.84)	300 (11.81)	400 (15.75)
	Average spray width mm (inch)**						

Material filter (in mesh)	
Edge filter	Gun filter
200	200
100	150
60	100
	50

Bore	Material flow*
inch (mm)	l/min (gal/min)
0.007 (0.18)	0.23 (0.061)
0.009 (0.23)	0.26 (0.069)
0.011 (0.28)	0.38 (0.100)
0.013 (0.33)	0.55 (0.145)
0.015 (0.38)	0.75 (0.198)
0.017 (0.43)	0.96 (0.254)
0.019 (0.48)	1.20 (0.317)
0.021 (0.53)	1.45 (0.383)
0.023 (0.58)	1.79 (0.473)

* *Measured with water at 100 bar*

** *Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance. lacquer 56DIN-4s*

AirCoat nozzles

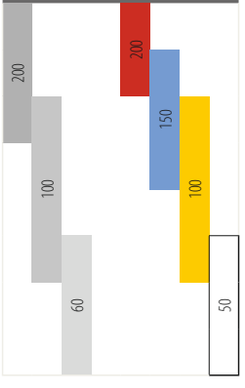
To determine the article number of a nozzle, please select the number from the chart and replace the xxx. Example: To order a 410 nozzle use the article no.: 321410

Nozzle chart | ACF 3000 plus

Part No. 321xxx

Size	Spray angle				
	20°	30°	40°	50°	60°
08	208	308	408	508	
10	210	310	410	510	610
12	212	312	412	512	612
14	214	314	414	514	614
16	216	316	416	516	616
18	218	318	418	518	618
20		320	420		620
22			422		622
	100 (3.94)	145 (5.71)	195 (7.68)	250 (9.84)	300 (11.81)
	Average spray width mm (inch)**				

Material filter (in mesh)	
Edge filter	Gun filter



Bore	Material flow*
inch (mm)	l/min (gal/min)
0.008 (0.20)	0.22 (0.058)
0.010 (0.25)	0.32 (0.084)
0.012 (0.30)	0.44 (0.116)
0.014 (0.36)	0.60 (0.159)
0.016 (0.41)	0.76 (0.201)
0.018 (0.46)	0.92 (0.244)
0.020 (0.51)	0.11 (0.030)
0.022 (0.56)	0.14 (0.036)

* *Measured with water at 100 bar*

** *Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance. lacquer 56DIN-4s*

Nozzle chart | ACF 3000 S2

Size	Spray angle						
	10°	20°	30°	40°	50°	60°	80°
07	2405883	2405884		2405885			
09		2403030	2404248	2391811	2404249	2405886	
11	2391809	2368877	2396188	2368879	2404250	2368896	2368876
13	2405887	2403031	2405888	2368880	2405890	2368897	2368898
15	2405891	2403032	2405892	2405893	2405894	2368899	2405895
17		2405896	2405897	2405898	2405899	2401732	2396189
19		2405900	2405901	2405902	2405903	2405904	2405905
	55 (2.17)	100 (3.94)	145 (5.71)	195 (7.68)	250 (9.84)	300 (11.81)	400 (15.75)

Average spray width mm (inch) at *30 cm (11.81 inch) distance*

GM 5000EAC

AirCoat electrostatic manual gun

Electrostatic manual gun for AirCoat applications with low-conductive solvent-based lacquers. With integrated high-voltage cascade. Additionally required: Control unit VM 500 or VM 5000.

Technical data	
Output voltage	80 kV
Output current	100 µA
Material conductivity	18.5 MΩ.cm - 123 MΩ.cm
Material conductivity LowR	6.2 MΩ.cm - 123 MΩ.cm
Material pressure	0 bar - 250 bar
Material inlet	NPS 1/4'' - M
Air inlet pressure range	0 bar - 8 bar
Compressed air connection	M - G 1/4''
Sound level	73 dB(A)
Material temperature range	50 °C
Length	264 mm
Height	264 mm
Weight	710 g

Product variants	Item no.
GM 5000EAC	2309871
GM 5000EAC - FM	2344473
GM 5000EAC d1.5	2363669

Processable materials

Weakly conductive, solvent-based paints, primers and separating agents (1K and 2K)

Scope of delivery

Operating manual
Declaration of conformity
Gun protection

Order information

Consider conductivity.
In addition to individual guns, ready-to-spray sets can be composed, consisting of gun, nozzle, material hose pack and control unit.
Comprehensive accessories range.

GA 5000EAC

Automatic airspray electrostatic gun for solvent-based material

Electrostatic automatic gun for high-pressure applications, internal or external control of shaping and atomisation air. For solvent-based paints.

Technical data	
Output voltage	80 kV
Output current	100 µA
Material conductivity	18.5 MΩ.cm - 123 MΩ.cm
Material conductivity LowR	6.2 MΩ.cm - 123 MΩ.cm
Material pressure	0 - 250 bar
Material inlet	NPSM 1/4'' - M
Air inlet pressure range	0 - 8 bar
Sound level	76 dB(A)
Material temperature range	50 °C
Length	290 mm
Width	74 mm
Height	135 mm
Weight	1,200 g

Product variants	Item no.
GA5000 EAC EC	2360899
GA5000 EAC IC	2360898

Processable materials

1K high solid primers
1K high solid paints
1K solvent-based primers
1K solvent-based paints
2K solvent-based primers
Solvent-based paints (2K, 3K and 4K)
Solvent-based separating agents

Scope of delivery

GA 5000EAC internal or external control

Order information

Determine which additional accessories are required, e.g. hoses, cables, etc.
Determine the required nozzle size.
Select the type of nozzle system (round or flat spray).

VM 500

Control unit for GM 5000

Control unit to drive the electrostatic manual guns GM 5000 and GM5000 EAC. 80 kV with monitoring function and safety cut-off.

Technical data	
Input voltage	115 – 230 V
Gun voltage	80 kV
Gun spray current	100 µA
Input power	40 W
Input frequency	50 – 60 Hz
Protection class	IP 54
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	2,3 kg, 5.1 lb
Length	230,0 mm, 9.1 in.
Width	180 mm, 7.1 in.
Height	120 mm, 4.7 in.

Product variants	Item no.
Controler VM 500	2310478
Controler VM 500 - FM	2344479

Scope of delivery

Grounding cable complete 10 m, 33 ft

Power cord 3 m

Order information

Control unit for GM 5000EA/EAC

VM 5000

Control unit for GM 5000

Control unit to drive the electrostatic manual gun GM 5000EAC. Adjustable high-voltage, recipe changes, safety monitoring and many other features.

Technical data	
Input voltage	115 – 230 V
Gun voltage	80 kV
Gun spray current	100 µA
Input power	40 W
Input frequency	50 – 60 Hz
Protection class	IP 54
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	2.3 kg, 5.1 lb
Length	250.0 mm, 9.8 in.
Width	180 mm, 7.1 in.
Height	120 mm, 4.7 in.

Product variants	Item no.
Controler VM 5000	2310477
Controler VM 5000 - FM	2344480

Scope of delivery

Grounding cable complete 10 m, 33 ft

Power cord 3 m

Order information

Control unit for GM 5000EA/EAC

EPG 5000

Control unit for GA 5000

EPG 5000 controls automatic electrostatic automatic gun GA 5000EAC for the application of solvent-based lacquers.

Technical data	
Input voltage	115 – 250 V
Gun voltage	80 kV
Input current	0.5 A
Gun spray current	100 µA
Input power	40 W
Protection class	IP 40
Air inlet pressure	0.4 – 0.8 MPa, 4,0 – 8,0 bar, 58 – 116 PSI
Max. number of guns	1
Operating temperature	0 – 40 °C, 32.0 – 104.0 °F
Weight	6.7 kg, 14.8 lb
Width	370 mm, 14.6 in.
Height	136 mm, 5.4 in.
Depth	295 mm, 11.6 in.

Product variants	Item no.
Control unit EPG 5000	2359918

Scope of delivery

EPG 3000

Grounding cable complete 10 m, 33 ft

Power cord 3 m

Order information

Control unit for GA 5000EA/EAC

Accessories electrostatic AirCoat guns

WAGNER offers you an extensive range of accessories for electrostatic AirCoat guns.
Select your required components from the table.

	GM 5000EAC	GM 5000EAC FM	GA 5000EAC	
Mounting				
Wall mounting GM 5000E (left/right)	●	●		2326485
Filter insert				
Edge filter 60 mesh	●	●		3204604
Edge filter 100 mesh	●	●		3204605
Edge filter 200 mesh	●	●		9999002
Nozzles - flat jet				
ACF 5000 (see nozzle chart)	●	●		395xxx
Air caps - flat jet				
Air cap ACF 5000 - LV (red)	●	●	●	2309882
Air cap ACF 5000 - HV (blue)	●	●	●	2314203
Nozzles - round jet				
Nozzle insert R11	●	●	●	132720
Nozzle insert R12	●	●	●	132721
Nozzle insert R13	●	●	●	132722
Nozzle insert R14	●	●	●	132723
Nozzle insert R15	●	●	●	132724
Nozzle insert R16	●	●	●	132725
Nozzle insert R17	●	●	●	132726
Nozzle insert R18	●	●	●	132727
Nozzle insert R19	●	●	●	132728
Nozzle insert R20	●	●	●	132729
Nozzle insert R21	●	●	●	132730
Nozzle insert R22	●	●	●	132731
Air caps - round jet				
Round jet nozzle adapter ACR 5000	●		●	2309883
Round jet nozzle adapter ACR 5000 (USA)		●		2354486
Gun flush box				
Gun flush box for GM 5000 EA/EAC round jet	●	●		2327973
Gun flush box for GM 5000 EAC flat jet	●	●		2327965
Control units				
Control unit VM 500	●			2310478
Control unit VM 5000	●		●	2310477
Control unit VM 500 (USA)		●		2344479
Control unit VM 5000 (USA)		●		2344480
Control unit EPG 5000			●	2359918

Accessories electrostatic AirCoat guns

WAGNER offers you an extensive range of accessories for electrostatic AirCoat guns.
Select your required components from the table.

	GM 5000EAC	GM 5000EAC FM	GA 5000EAC	
Hose packages AirCoat				
Hose package GM 5000EAC (7.5 m)	●	●		2339171
Hose package GM 5000EAC (10 m)	●	●		2339172
Hose package GM 5000EAC (15 m)	●	●		2339173
Hose package GM 5000EAC (20 m)	●	●		2339174
Hose package GM 5000EAC (7.5 m), Low R	●	●		2339179
Hose package GM 5000EAC (10 m), Low R	●	●		2339180
Hose package GM 5000EAC (15 m), Low R	●	●		2339181
Hose package GM 5000EAC (20 m), Low R	●	●		2339182
Material hose GA EAC (7.5 m) LowR			●	2367212
Material hose GA EAC (10 m) LowR			●	2367213
Material hose GA EAC (15 m) LowR			●	2367214
Material hose GA EAC (20 m) LowR			●	2367215
Material hose airless				
HP-hose-DN4-PN270-¼"NPS-7.5 m-PA			●	9984573
HP-hose-DN4-PN270-¼"NPS-10.0 m-PA			●	2302374
HP-hose-DN4-PN270-¼"NPS-15.0 m-PA			●	9984573-15
HP-hose-DN4-PN270-¼"NPS-20.0 m-PA			●	9984573-20
Assembly accessories				
Holder standard 180			●	380941
Holder turnable			●	380942
Holder turnable 40/40/5			●	380945
Part turn actuator cpl.			●	380943
Adapter plate Cefla			●	2314079
Accessories metallic application				
Set material hose AC 1.5 mm cpl.	●	●		2352607
Set material hose GA EAC 1.5 mm			●	2367217
Extension & control cables				
Gun cable GM 5000E 25 m			●	2339160
Gun cable GM 5000E 32 m			●	2344995
Gun cable GM 5000E 62 m			●	2344996
Other accessories				
Retrofit PSV to GM 5000EA/EAC round jet	●	●		2328626
Paint resistivity meter RS 500	●	●		2326041
H.V.tester HV200 N	●	●		259010
Gun cover	●	●		2319653
Retrofit kit PSV to GM 5000EAC flat jet	●	●		2328624

Accessories control units

WAGNER offers you an extensive range of accessories for control units.
Select your required components from the table.

	VM 500	VM 500 FM	VM 5000	VM 5000 FM	EPG 5000	
Mounting						
Holder control unit cpl.	●	●	●	●		2327509
Rack mounting cpl.					●	2369616
Wall mounting cpl.					●	2369636
Extension & control cables						
Mains cable Europe (Schuko)	●		●			241270
Mains cable CH	●		●			241271
Mains cable USA	●	●	●	●		264626
Mains cable Japan	●		●			264625
Earthing cable 10 m	●	●	●	●		130215
Earthing cable cpl. 3 m	●	●	●	●		236219
Interface cable VM 5000			●	●	●	2317600
Interface cable EPG 5000 5 m					●	360393
Interface cable EPG 5000 15 m					●	360391

AirCoat electrostatic nozzles

To determine the article number of a nozzle, please select the number from the chart and replace the xxx. Example: To order a 411 nozzle use the article no.: 395411

Nozzle chart | ACF 5000

Part No. 395xxx

Size	Spray angle						
	10°	20°	30°	40°	50°	60°	80°
07	107	207		407			
09	109	209	309	409	509	609	
11	111	211	311	411	511	611	811
13	113	213	313	413	513	613	813
15	115	215	315	415	515	615	815
17		217	317	417	517	617	817
19		219	319	419	519	619	819
21		221		421	521	621	821
23				423		623	823
	55 (2.17)	100 (3.94)	145 (5.71)	195 (7.68)	250 (9.84)	300 (11.81)	400 (15.75)
	Average spray width mm (inch)**						

Material filter (in mesh)	
Edge filter	Gun filter
200	200
100	150
60	100
	50

Bore	Material flow*
inch (mm)	l/min (gal/min)
0.007 (0.18)	0.23 (0.061)
0.009 (0.23)	0.26 (0.069)
0.011 (0.28)	0.38 (0.100)
0.013 (0.33)	0.55 (0.145)
0.015 (0.38)	0.75 (0.198)
0.017 (0.43)	0.96 (0.254)
0.019 (0.48)	1.20 (0.317)
0.021 (0.53)	1.45 (0.383)
0.023 (0.58)	1.79 (0.473)

* *Measured with water at 100 bar*
** *Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance. lacquer 56DIN-4s*

GM 5020EACW

Electrostatic AirCoat manual gun for water-based paints

CE

Electrostatic manual gun for AirCoat applications with separating agents and water-based lacquers, including internal charging with integrated high-voltage cascade.

Technical data	
Output voltage max.	70 kV
Output current max.	100 µA
Material pressure	250 bar
Material inlet	Special
Air inlet pressure range	0 bar - 8 bar
Compressed air connection	G 1/4“
Material temperature range	60 °C
Length	261 mm
Height	245 mm

Product variants	Item no.
GM 5020EACW	2362841

Processable materials

1K water-based primers
1K water-based paints
2K water-based primers
Water-based paints (2K, 3K and 4K)
Separating agents

Scope of delivery

Operating manual
GM 5020EACW (with cascade, without nozzle and air cap)
Declaration of conformity
Gun protection

Order information

Determine which additional accessories are required, e.g. hoses, cables, etc.
Determine the required nozzle size.
Select the type of nozzle system (round or flat spray).

GA 5000EACW

Automatic AirCoat electrostatic gun for water-based paints

Electrostatic automatic gun for low-pressure applications, internal or external control of shaping and atomisation air. For water-based paints.

Technical data	
Output voltage max.	70 kV
Output current max.	100 µA
Material conductivity	1 kΩ.cm - 1 MΩ.cm
Material pressure	250 bar
Material inlet	G 1/4" - M
Air inlet pressure range	8 bar
Sound level	73 dB(A)
Material temperature range	50 °C
Length	290 mm
Width	75 mm
Height	125 mm
Weight	1,000 g

Product variants	Item no.
GA5000 EACW EC	2366353
GA5000 EACW IC	2366352

Processable materials

1K water-based primers
1K water-based paints
Water-based separating agents

Scope of delivery

GA 5000EACW internal or external control

Order information

Determine which additional accessories are required, e.g. hoses, cables, etc.
Determine the required nozzle size.
Select the type of nozzle system (round or flat spray).

AquaCoat 5010 & 5020 Manual

Manual electrostatic - water-based lacquers

Slim cabinet for the electrostatic processing of water-based lacquers and separating agents with manual guns. Completely insulated construction with internal charging of the materials for manual spraying applications, airspray and AirCoat. Basic spray sets including cabinet and control unit, pump set and guns can also be customized.

Technical data	
Output voltage	70,0 kV
Output current	100 µA
Total capacity (slim version / large version)	30 l, 7,93 gal(US) / 60 l, 15,85 gal(US)
Length	560,0 mm, 22.0 in.
Width (slim version / large version)	800 mm, 31.5 in. / 1000 mm, 39.4 in.
Height	1470 mm, 57.9 in.

Product variants	Item no.
AquaCoat 5010 manual basic device	2363401
AquaCoat 5010G manual basic device	2363736
AquaCoat 5020 manual basic device	2363292
AquaCoat 5020G manual basic device	2363734
BS AQ5010 HP man. Evo 20-30 GM5020EACW	2364017
BS AQ5010 HP man. Puma 28-40 GM5020EACW	2370696
BS AQ5010 LP man. DD10 GM5020EAW	2364016
BS AQ5010 LP man. ZIP 52 GM5020EAW	2364014
BS AQ5020 HP man. Cobra 40-10 GM5020EACW	2364022
BS AQ5020 HP man. Evo 20-30 GM5020EACW	2364020
BS AQ5020 HP man. Puma 28-40 GM5020EACW	2364021
BS AQ5020 LP man. DD10 GM5020EAW	2364019
BS AQ5020 LP man. ZIP 52 GM5020EAW	2364018

Scope of delivery

Operating manual
CE declaration of conformity
Grounding cable
Insulated cabinet with VM 5020W control unit
Power cord
Doors with window as option

Order information

The basic set contains the control unit, a pump set ready to fit and the GM 5020 manual gun.
The basic device contains the control unit.
Your authorized WAGNER partner will produce the system ready for spraying to suit the application requirement.

AquaCoat 5010 & 5020 Automatic

Automatic electrostatic - water-based lacquers

Coating system for the electrostatic processing of water-based lacquers and separating agents with automatic guns. Completely insulated construction with internal charging of the materials for manual spraying applications, airspray and AirCoat.Complete the system with a pump set, hoses and automatic guns.

Technical data	
Output voltage	80,0 kV
Output current	100 µA
Total capacity (slim version / large version)	30 l, 7,93 gal(US) / 60 l, 15,85 gal(US)
Length	560,0 mm, 22.0 in.
Width (slim version / large version)	800 mm, 31.5 in. / 1000 mm, 39.4 in.
Height	1470 mm, 57.9 in.

Product variants	Item no.
AquaCoat 5010 automatic basic device	2363404
AquaCoat 5010G automatic basic device	2363737
AquaCoat 5020 automatic basic device	2363400
AquaCoat 5020G automatic basic device	2363735

Scope of delivery

AquaCoat cabinet
Operating manual
CE declaration of conformity
Grounding cable
Power cord
Control unit, high-voltage cascade
Doors with window as option

Order information

The basic device contains cascade and control unit.

VM 5020W

Control unit for AquaCoat 5010/5020 - Manual

Control unit to drive the electrostatic manual guns GM 5020 EAW and GM 5020 EACW. Including adjustable high voltage, recipe changes, safety monitoring and many other functions.

Technical data	
Input voltage	115 – 230 V
Gun voltage	70 kV
Output current	100 µA
Gun spray current	100 µA
Input power	40 W
Input frequency	50 – 60 Hz
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	6,4 kg, 14.1 lb
Width	370 mm, 14.6 in.
Height	136 mm, 5.4 in.
Depth	268 mm, 10.6 in.

Product variants	Item no.
Control unit VM 5020W	2362954

Scope of delivery

VM 5020W

Order information

Select the device and required accessories.

VM 5020WA

Control unit for AquaCoat 5010/5020 - automatic

Control unit to drive the electrostatic manual guns GA 5000EAW and GM 5000EACW. Including adjustable high voltage, recipe changes, safety monitoring and many other functions.

Technical data	
Input voltage	115 – 230 V
Gun voltage	80 kV
Output current	100 µA
Input power	40 W
Input frequency	50 – 60 Hz
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	6,4 kg, 14.1 lb
Width	370 mm, 14.6 in.
Height	136 mm, 5.4 in.
Depth	268 mm, 10.6 in.

Product variants	Item no.
Control unit VM 5020WA	2363323

Scope of delivery

VM 5020WA

Order information

Select the device and required accessories.

Accessories AquaCoat basic unit manual

WAGNER offers you an extensive range of accessories for the manual AquaCoat basic units.
Select your required components from the table.

	AquaCoat 5010 **2363401**	AquaCoat 5010G **2363736**	AquaCoat 5020 **2363292**	AquaCoat 5020G **2366734**	
Gun					
GM 5020EACW	●	●	●	●	2362841
Pump					
EvoMotion 20-30 set for AquaCoat	●	●	●	●	2363946
Cobra 40-10 (stand) set for AquaCoat	●	●	●	●	2363747
Puma 28-40 set for AquaCoat	●	●	●	●	2363746
Hose packages AirCoat					
Material hose EACW cpl. (7.5 m)	●	●	●	●	2368105
Material hose EACW cpl. (10 m)	●	●	●	●	2368110
Material hose EACW cpl. (15 m)	●	●	●	●	2368112
Material hose EACW cpl. (20 m)	●	●	●	●	2368113
Hose set GM 5000EACW (7.5 m)	●	●	●	●	2339187
Hose set GM 5000EACW (10 m)	●	●	●	●	2339188
Hose set GM 5000EACW (15 m)	●	●	●	●	2339189
Hose set GM 5000EACW (20m)	●	●	●	●	2339190
Other accessories					
Hose holder	●	●	●	●	353050
Gun holder assy.	●	●	●	●	2359097
Undercarriage 5010 with rollers assy.	●	●			2364394
Undercarriage 5020 with rollers assy.			●	●	2359029
Insert tray 5010	●	●			2364790
Insert tray 5020			●	●	2364791
Level monitoring with horn	●	●	●	●	353053
Drum cover D350 with agitator	●	●	●	●	353055
Drum cover D350 without agitator	●	●	●	●	353054

Accessories AquaCoat basic unit automatic

WAGNER offers you an extensive range of accessories for the automatic AquaCoat basic units.
Select your required components from the table.

	AquaCoat 5010 **2363404**	AquaCoat 5010G **2363737**	AquaCoat 5020 **2363400**	AquaCoat 5020G **2363735**	
Gun					
GA 5000EAW EC	●	●	●	●	2366353
GA 5000EACW IC	●	●	●	●	2366352
Pump					
EvoMotion 20-30 set for AquaCoat	●	●	●	●	2363946
Puma 28-40 set for AquaCoat	●	●	●	●	2363746
Cobra 40-10 (stand) set for AquaCoat	●	●	●	●	2363747
Hose packages AirCoat					
Material hose EACW cpl. (7.5 m)	●	●	●	●	2368105
Material hose EACW cpl. (10 m)	●	●	●	●	2368110
Material hose EACW cpl. (15 m)	●	●	●	●	2368112
Material hose EACW cpl. (20 m)	●	●	●	●	2368113
Material hose GA EACW cpl. (7.5 m)	●	●	●	●	2346090
Material hose GA EACW cpl. (10 m)	●	●	●	●	2346091
Material hose GA EACW cpl. (15 m)	●	●	●	●	2346092
Material hose GA EACW cpl. (20m)	●	●	●	●	2346093
Other accessories					
Hose holder	●	●	●	●	353050
Level monitoring with horn	●	●	●	●	353053
Drum cover D350 without agitator	●	●	●	●	353054
Undercarriage 5020 with rollers assy.			●	●	2359029
Gun holder assy.	●	●	●	●	2359097
Undercarriage 5010 with rollers assy.	●	●			2364394
Insert tray 5010	●	●			2364790
Insert tray 5020			●	●	2364791
Drum cover D350 with agitator	●	●	●	●	353055

Accessories control units electrostatic water-based

WAGNER offers you an extensive range of accessories for the control units electrostatic water-based.
Select your required components from the table.

	VM 5020W	VM 5020WA	
Extension & control cables			
Mains cable Europe (Schuko)	●	●	241270
Mains cable with STAK 200 10 m	●	●	2330628
Mains cable Japan	●	●	264625
Mains cable CH	●	●	241271
Mains cable USA	●	●	264626
Earthing cable 10 m	●	●	130215
Earthing cable cpl. 3 m	●	●	236219

AirCoat electrostatic nozzles

To determine the article number of a nozzle, please select the number from the chart and replace the xxx. Example: To order a 411 nozzle use the article no.: 395411

Nozzle chart | ACF 5000

Part No. 395xxx

Size	Spray angle						
	10°	20°	30°	40°	50°	60°	80°
07	107	207		407			
09	109	209	309	409	509	609	
11	111	211	311	411	511	611	811
13	113	213	313	413	513	613	813
15	115	215	315	415	515	615	815
17		217	317	417	517	617	817
19		219	319	419	519	619	819
21		221		421	521	621	821
23				423		623	823
	55 (2.17)	100 (3.94)	145 (5.71)	195 (7.68)	250 (9.84)	300 (11.81)	400 (15.75)
	Average spray width mm (inch)**						

Material filter (in mesh)	
Edge filter	Gun filter
200	200
100	150
60	100
	50

Bore	Material flow*
inch (mm)	l/min (gal/min)
0.007 (0.18)	0.23 (0.061)
0.009 (0.23)	0.26 (0.069)
0.011 (0.28)	0.38 (0.100)
0.013 (0.33)	0.55 (0.145)
0.015 (0.38)	0.75 (0.198)
0.017 (0.43)	0.96 (0.254)
0.019 (0.48)	1.20 (0.317)
0.021 (0.53)	1.45 (0.383)
0.023 (0.58)	1.79 (0.473)

* *Measured with water at 100 bar*
** *Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance. lacquer 56DIN-4s*

Airless manual & automatic guns

WAGNER airless guns convince both by their robustness in daily use and their high atomization quality at pressures up to 530 bar. The spectrum ranges from finishing manual guns to corrosion protection and various automatic guns.

AG 14

GM 1 - 350

GM 1 - 530

GA 250AL

GA 400AL

Application					
Finishing	●	●		●	●
Protective Coating		●	●		●
Fluid controlling				●	●
Processable material					
Water-based material	●	●	●	●	●
Solvent-based material	●	●	●	●	●
Heated material up to 80 °C		●	●	●	●
Material pressure max. (static)					
Up to 250 bar	●			●	
Up to 350 bar		●			
Up to 400 bar					●
Up to 530 bar			●		
Mounting					
Manual gun	●	●	●		
Automatic gun for direct mounting (without adapter plate)				●	●
Nozzle system					
Standard nozzle	●			●	●
Protec Tip		●	●		
ProfiTip	●	●	●	●	●
WAGNER Tip	●	●	●	●	●
High precision nozzle S2				●	●
Nozzle sizes					
Flat jet (10° - 80°)	0.007 - 0.052	0.007 - 0.052	0.007 - 0.052	0.013 - 0.065	0.013 - 0.065
Flat jet (10° - 80°)	0.18 - 1.30 mm	0.18 - 1.30 mm	0.18 - 1.30 mm	0.33 - 1.65 mm	0.33 - 1.65 mm

PROTEC GM 1-530

Airless manual gun

Airless manual gun with 4-finger trigger for heavy corrosion protection up to 530 bar. With filter, ProfiTip nozzle holder and rotary fitting. Can also be used with insulating handle for heated material.

Technical data	
Nozzle diameter	0.013" - 0.065"
Material pressure	530 bar
Material inlet	NPS 1/4" - M
Sound level	85 dB(A)
Material temperature range	80 °C
Ambient temperature range	5 °C - 40 °C
Length	130 mm
Height	188 mm
Weight	580 g

Product variants	Item no.
GM 1-530	2349287

Processable materials

Water and solvent-based material
Zinc rich paints
High solids
2K corrosion protection colors
Anti-fouling coatings
Epoxy primers

Material-wetted parts

Aluminum
Stainless steel
Tungsten carbide
PTFE
UHMW-PE
POM

Scope of delivery

Manual spray gun
Nozzle holder Profi-/PROTEC-Tip
Cage filter white, 50 meshes

Order information

Please order the desired nozzle which matches the nozzle holder.

PROTEC GM 1-350

Airless manual gun

Airless manual gun with 2-finger trigger for corrosion protection and finishing up to 350 bar. With filter, ProfiTip nozzle holder, and rotary fitting. Can also be used with insulating handle for heated material.

Technical data	
Nozzle diameter	0.007“ - 0.065“
Material pressure	350 bar
Material inlet	NPS 1/4“ - M
Sound level	85 dB(A)
Material temperature range	80 °C
Ambient temperature range	5 °C - 40 °C
Length	130 mm
Height	188 mm
Weight	560 g

Product variants	Item no.
Airless Gun GM 1-350	2349286

Processable materials

Solvent and water-based material
Zinc rich paints
High solids
2K corrosion protection colors
Anti-fouling coatings
Epoxy primers

Material-wetted parts

Aluminum
Stainless steel
Tungsten carbide
PTFE
UHMW-PE
POM

Scope of delivery

Manual spray gun
Nozzle holder Profi-/PROTEC-Tip
Cage filter white, 50 meshes

Order information

Please order the desired nozzle which matches the nozzle holder.

GA 250/400AL

Airless automatic gun

Compact automatic airless gun for automatic applications. Different pressure ranges are available for different areas of use. Different WAGNER nozzle systems can be applied.

Technical data	
Nozzle diameter	0.007" - 0.052"
Material pressure	400 bar
Material inlet	G 1/4" - M
Air inlet pressure range	4.5 bar - 8 bar
Sound level	84 dB(A)
Material temperature range	60 °C
Ambient temperature range	5 °C - 40 °C
Length	104 mm
Width	40 mm
Height	40 mm
Weight	545 g

Product variants	Item no.
Spray gun GA250 AL	350033
Spray gun GA 250AL USA	350081
Spray gun GA 400AL USA	350080
Spray gun GA400 AL	350032

Processable materials

Water and solvent-based material

Material-wetted parts

Stainless steel
Tungsten carbide
UHMW-PE
PA

Scope of delivery

Automatc spray gun
With nozzle holder for standard tip e.g. 90xxx

Order information

Select and order nozzle or nozzle system separately for the requested application.

AG 14

Airless manual gun

Airless manual gun for up to 270 bar for airless finishing applications.
With filter and swivel joint. Various nozzle attachments.

Technical data	
Nozzle diameter	0.007“ - 0.052“
Material pressure	270 bar
Material inlet	NPS 1/4“ - M
Sound level	81 dB(A)
Material temperature range	40 °C
Ambient temperature range	5 °C - 40 °C
Length	125 mm
Height	225 mm
Weight	590 g

Product variants	Item no.
Gun AG-14 f-thread 11/16“ NPS1/4“	2305433
Gun AG-14 for StandardTip, M16x1.5	257018
Gun AG-14 f-thread 11/16“ NPS1/4“	257017
Gun AG-14 for WagnerTip, M16x1.5	257016
Gun AG-14 for WagnerTip, NPS1/4“	257015

Processable materials

Water and solvent-based material
pre-mixed 2K material

Material-wetted parts

Stainless steel
Aluminum
PTFE
Tungsten carbide
UHMW-PE
POM

Scope of delivery

Manual spray gun
Nozzle holder
Material filter, red (180 mesh)

Order information

Please order the desired nozzle which matches the nozzle holder.

Accessories airless guns

WAGNER offers you an extensive range of accessories for airless guns.
Select your required components from the table.

	AG 14	PROTEC GM 1-530	PROTEC GM 1-350	GA 250AL	GA 400AL	
Filter inserts						
Inline filter insert red-180-10St.	●					97022
Inline filter insert yellow-100-10St.	●					97023
Inline filter insert white-50-10St.	●					97024
Inline filter insert green-30-10St	●					97025
Cage filter -150MA-blue -10 St.		●	●			2315724
Cage filter -100MA-yellow -10 St.		●	●			2315725
Cage filter -50MA-white -10 St.		●	●			2315726
Cage filter -30MA-green-10St.		●	●			2365429
Nozzles - flat jet						
WAGNER TIP (see nozzle chart)	●	●	●	●	●	1088xxx
Standard nozzle (see nozzle chart)	●	●	●	●	●	90xxx
Standard nozzle plus (see nozzle chart)	●			●	●	323xxx
WAGNER Profi Tip HP (see nozzle chart)	●	●	●	●	●	1006xxx
PROTEC TIP (see nozzle chart)	●	●	●	●	●	556xxx
Nozzle holder						
WAGNER Standard Tip holder 11/16	●			●	●	335209
WAGNER Tip „F" holder	●			●	●	1088001
WAGNER Tip holder 7/8 -14 UNF		●	●			2371338
WAGNER Standard Tip holder 7/8 -14 UNF		●	●			2371336
WAGNER Profi Tip „F" reversing switch	●					1006001
WAGNER Profi Tip HP „F" holder	●			●	●	1006003
WAGNER Profi Tip „G" reversing switch	●					1006002
Nozzle extensions						
Nozzle extension F-thread cpl.15cm	●					556051
Nozzle extension F-thread cpl.30cm	●					556052
Nozzle extension F-thread cpl.45cm	●					556053
Nozzle extension F-thread cpl.60cm	●					556054
Nozzle extension cpl.1m	●					96015
Nozzle extension cpl.2m	●					96016
Nozzle extension cpl.3m	●					96017
Cavity sealing lance cpl. 350mm				●		2331802
Cavity sealing lance cpl. 800mm R12				●		2356287
Cavity sealing lance cpl. 120mm/R15				●		2360150

Accessories airless guns

WAGNER offers you an extensive range of accessories for airless guns.
Select your required components from the table.

	AG 14	PROTEC GM 1-530	PROTEC GM 1-350	GA 250AL	GA 400AL	
Gun flush box						
Gun flush box for AG14	●					377167
Gun flush box for GM 1		●	●			2363442
Hose connection fitting						
Fitting-DF-MM-G1/4-1/4NPSM-530bar-SSt				●	●	350550
Material hose airless						
HP-hose-DN4-PN270-¼"NPS-7.5m-PA	●					9984573
HP-hose-DN3-PN270-¼"NPS-7.5m-PA	●					9984583
HP-hose-DN4-PN270-1/4"NPS-10.0m-PA	●					9984573-10
HP-hose-DN4-PN270-¼"NPS-15.0m-PA	●					9984573-15
HP-hose-DN4-PN270-¼"NPS-20.0m-PA	●					9984573-20
HP-hose-DN6-PN530-¼"NPS-10.0m-PA		●	●			9984421
HP-hose-DN10-PN530-3/8"NPS-15.0m-PA		●	●			9987118
HP-hose-DN6-PN530-¼"NPS-1.5m-PA		●	●			9987117
Fitting-DF-MM-1/4NPSM-3/8NPSM-530bar-SSt		●	●			367561
Assembly accessories						
Holding device D14 GA 250AL, GA 400AL				●	●	350480
Holding device D16 GA 250AL, GA 400AL				●	●	350497
Holder turnable				●	●	380942
Nozzles - adjustable						
Flat jet adjustable nozzle 20	●					999053
Flat jet adjustable nozzle 28	●					999054
Flat jet adjustable nozzle 41	●					999055
Flat jet adjustable nozzle 49	●					999056
Flat jet adjustable nozzle 15	●					999057

Airless nozzles

To determine the article number of a nozzle, please select the number from the chart and replace the xxx. Example: To order a 417 nozzle use the article no.: 556417

Nozzle chart | PROTEC Tip

Part No. 556xxx

Size	Spray angle							Material filter	Bore	Material flow*
	10°	20°	30°	40°	50°	60°	80°	(in mesh)	inch (mm)	l/min (gal/min)
13	113	213	313	413				200	0.013 (0.33)	0.50 (0.15)
15	115	215	315	415	515	615	815	100	0.015 (0.38)	0.70 (0.19)
17	117	217	317	417	517	617	817		0.017 (0.43)	0.85 (0.22)
19	119	219	319	419	519	619	819	50	0.019 (0.48)	1.00 (0.26)
21		221	321	421	521	621	821		0.021 (0.53)	1.20 (0.32)
23		223	323	423	523	623	823		0.023 (0.58)	1.40 (0.37)
25		225	325	425	525	625	825		0.025 (0.64)	1.60 (0.42)
31			331		531				0.031 (0.79)	2.25 (0.60)
33			333		533				0.033 (0.84)	2.50 (0.66)
35			335		535		835	30	0.035 (0.89)	2.80 (0.74)
51			351		551				0.051 (1.30)	5.20 (1.38)
55			355		555				0.055 (1.40)	6.00 (1.59)
61			361		561				0.061 (1.55)	7.50 (1.98)
65			365		565				0.065 (1.65)	9.00 (2.38)
	51 (2.0)	104 (4.0)	152 (6.0)	203 (8.0)	254 (10.0)	305 (12.0)	356 (14.0)			

Average spray width mm (inch)**

* *Measured with water at 100 bar*

** *Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance. lacquer 56DIN-4s*

*** *Average spray width may vary*

Airless nozzles

To determine the article number of a nozzle, please select the number from the chart and replace the xxx. Example: To order a 411 nozzle use the article no.: 1088411

Nozzle chart | WAGNER Tip

Part No. 1088xxx

Size	Spray angle								Material filter (in mesh)	Bore inch (mm)	Material flow* l/min (gal/min)
	10°	20°	30°	40°	50°	60°	70°	80°			
07***				407					200	0.007 (0.18)	0.23 (0.061)
09***		209	309	409	509	609				0.009 (0.23)	0.26 (0.069)
11	111	211	311	411	511	611				0.011 (0.28)	0.38 (0.100)
13	113	213	313	413	513	613		813		0.013 (0.33)	0.55 (0.145)
15	115	215	315	415	515	615	715	815	100	0.015 (0.38)	0.75 (0.198)
17		217	317	417	517	617	717			0.017 (0.43)	0.96 (0.254)
19		219	319	419	519	619	719	819		0.019 (0.48)	1.20 (0.317)
21		221		421	521	621		821		0.021 (0.53)	1.45 (0.383)
23		223		423	523	623	723	823	50	0.023 (0.58)	1.62 (0.428)
25		225		425	525	625		825		0.025 (0.64)	1.92 (0.507)
27		227		427	527	627		827		0.027 (0.69)	2.25 (0.594)
29						629				0.029 (0.75)	2.57 (0.679)
31		231		431	531	631				0.031 (0.79)	2.95 (0.779)
33				433					30	0.033 (0.83)	3.35 (0.885)
35		235		435	535	635				0.035 (0.90)	3.80 (1.004)
43		243			543					0.043 (1.10)	5.89 (1.556)
52					552					0.052 (1.30)	6.14 (1.622)
Average spray width mm (inch)**	51 (2.0)	104 (4.0)	152 (6.0)	203 (8.0)	254 (10.0)	305 (12.0)	356 (14.0)	406 (16.0)			

* *Measured with water at 100 bar*
** *Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance. lacquer 56DIN-4s*
*** *Average spray width may vary*

Nozzle chart | WAGNER Profi Tip HD

Part No. 1006xxx

Size	Spray angle								Material filter	Bore	Material flow*
	10°	20°	30°	40°	50°	60°	70°	80°	(in mesh)	inch (mm)	l/min (gal/min)
07***				407					200	0.007 (0.18)	0.23 (0.061)
09***		209	309	409	509	609				0.009 (0.23)	0.26 (0.069)
11	111	211	311	411	511	611				0.011 (0.28)	0.38 (0.100)
13	113	213	313	413	513	613		813	100	0.013 (0.33)	0.55 (0.145)
15	115	215	315	415	515	615	715	815		0.015 (0.38)	0.75 (0.198)
17		217	317	417	517	617	717			0.017 (0.43)	0.96 (0.254)
19		219	319	419	519	619	719	819		0.019 (0.48)	1.20 (0.317)
21		221		421	521	621		821	50	0.021 (0.53)	1.45 (0.383)
23		223		423	523	623	723	823		0.023 (0.58)	1.62 (0.428)
25		225		425	525	625		825		0.025 (0.64)	1.92 (0.507)
27		227		427	527	627		827		0.027 (0.69)	2.25 (0.594)
29						629				0.029 (0.75)	2.57 (0.679)
31		231		431	531	631				0.031 (0.79)	2.95 (0.779)
33				433					30	0.033 (0.83)	3.35 (0.885)
35		235		435	535	635				0.035 (0.90)	3.80 (1.004)
43		243			543					0.043 (1.10)	5.89 (1.556)
52					552					0.052 (1.30)	6.14 (1.622)
	51 (2.0)	104 (4.0)	152 (6.0)	203 (8.0)	254 (10.0)	305 (12.0)	356 (14.0)	406 (16.0)			
	Average spray width mm (inch)**										

* *Measured with water at 100 bar*
** *Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance. lacquer 56DIN-4s*
*** *Average spray width may vary*

Airless nozzles

To determine the article number of a nozzle, please select the number from the chart and replace the xxx. Example: To order a 411 nozzle use the article no.: 90411

Nozzle chart | Standard Tip

Part No. 90xxx

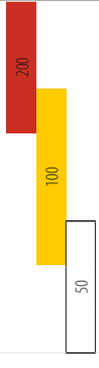
Size	Spray angle								Material filter (in mesh)	Bore inch (mm)	Material flow* l/min (gal/min)
	10°	20°	30°	40°	50°	60°	70°	80°			
07***				407	507				200	0.007 (0.18)	0.23 (0.061)
09***		209	309	409	509	609				0.009 (0.23)	0.26 (0.069)
11	111	211	311	411	511	611				0.011 (0.28)	0.38 (0.100)
13	113	213	313	413	513	613		813		0.013 (0.33)	0.55 (0.145)
15	115	215	315	415	515	615	715	815	100	0.015 (0.38)	0.75 (0.198)
17		217	317	417	517	617	717			0.017 (0.43)	0.96 (0.254)
19		219	319	419	519	619	719	819		0.019 (0.48)	1.20 (0.317)
21		221		421	521	621		821		0.021 (0.53)	1.45 (0.383)
23		223		423	523	623	723	823	50	0.023 (0.58)	1.62 (0.428)
25		225		425	525	625		825		0.025 (0.64)	1.92 (0.507)
27		227		427	527	627		827		0.027 (0.69)	2.25 (0.594)
29						629				0.029 (0.75)	2.57 (0.679)
31		231		431	531	631				0.031 (0.79)	2.95 (0.779)
33				433						0.033 (0.83)	3.35 (0.885)
35		235		435	535	635			30	0.035 (0.90)	3.80 (1.004)
39								839		0.039 (0.99)	4.31 (1.139)
43		243			543					0.043 (1.10)	5.89 (1.556)
52					552					0.052 (1.30)	6.14 (1.622)
	51 (2.0)	104 (4.0)	152 (6.0)	203 (8.0)	254 (10.0)	305 (12.0)	356 (14.0)	406 (16.0)			
	Average spray width mm (inch)**										

* *Measured with water at 100 bar*
** *Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance. lacquer 56DIN-4s*
*** *Average spray width may vary*

Nozzle chart | Standard Tip *plus*

Part No. 323xxx

Size	Spray angle				
	20°	30°	40°	50°	60°
10	210	310	410	510	
12	212	312	412		612
14	214	314	414	514	614
16	216	316	416	516	616
18		318	418	518	618
20		320	420		620
22			422		622
24			424		624
	104 (4.00)	152 (6.00)	203 (8.00)	254 (10.00)	305 (12.00)
	Average spray width mm (inch)**				

Material filter (in mesh)


Bore inch (mm)	Material flow* l/min (gal/min)
0.010 (0.25)	0.28 (0.074)
0.012 (0.30)	0.39 (0.104)
0.014 (0.36)	0.55 (0.145)
0.016 (0.41)	0.69 (0.183)
0.018 (0.46)	0.87 (0.230)
0.020 (0.51)	0.11 (0.028)
0.022 (0.56)	0.13 (0.034)
0.024 (0.61)	0.15 (0.040)

* *Measured with water at 100 bar*
** *Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance. lacquer 56DIN-4s*
*** *Average spray width may vary*

High precision for an efficient operation.

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TwinControl
The ideal entry-level solution for 2K applications. Thanks to its cost-effectiveness, compactness and ease of operation, the mobile TwinControl is suitable for a wide range of applications and spray materials, especially for the application of highly viscous materials and high conveying capacities. The external magnetic stroke meter is the powerful alternative to gear flow meters and suited for mixing ratios up to 20:1.

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2K Smart
The WAGNER 2K Smart mixing and dosing system, optionally with non-contact flow measurement, is suitable for all applications in which multicolor 2K or 3K coatings are applied. The individual selection of the ideal flow measurement system (gear flow meter, Coriolis flow meter or WAGNER stroke sensor) ensures constant mixing ratios.

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2K COMFORT
The WAGNER 2K COMFORT is an electronically controlled mixing and dosing system for multi-color applications. With this system, up to 25 colors and four components can be processed simultaneously. For a highly efficient coating process, the system can be integrated into a field bus system.

Mixing

With its mixing and dosing systems, WAGNER offers a strong product family that meets the most diverse requirements in various areas of industrial applications. Whether mechanical, electronic, low or high pressure, automatic or manual coating - with the different WAGNER systems 2K to 4K materials can be reliably processed.

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Cobra 2K

The Cobra 2K is an innovative and compact 1:1 high-pressure mixing system for processing polyester coatings. The alternating mixing and homogenisation of pre-mixed resin with hardener and resin with accelerator mixes produces an excellent and consistent surface quality, which is otherwise only possible with 3K systems and high investments.

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PROTEC 2K

The WAGNER PROTEC 2K was specially developed for applications in heavy corrosion protection. Wherever highly filled 2K materials are used, it takes over both the precise dosing of the components and the complex and time-consuming mixing. It also convinces with its ease of operation.

TwinControl mixing & dosing systems

A complete 2K mixing system family offering an easy operating concept and high mobility. For coating applications with one or two paints the TwinControl system provides high efficiency, a compact design and simple operation. It fulfills diverse application requirements with ease, for example the processing of abrasive materials with high viscosity and corrosion protection or sensitive finishing top coats. The non-contact measuring system is based on magnetic stroke sensors and ensures a high and reliable mixing accuracy, independent of material properties such as shearing sensitivity, abrasiveness or viscosity. Using the version configuration the system can be customized according to customer requirements.

TwinControl
5-60

TwinControl
10-70

TwinControl
28-40

TwinControl
35-70

Application				
Finishing airspray	●	●		
Finishing AirCoat/airless			●	●
Finishing heavy duty (e.g. ACE-T)				
Protective Coating				

Processable material				
Solvent-based materials	●	●	●	●
Water-based materials	●	●	●	●
Mixing ratio	1:1 - 20:1	1:1 - 20:1	1:1 - 20:1	1:1 - 20:1

Volumetric flow max. (l/min)				
Mixing ratio 1:1	3.6	4.2	2.4	4.2
Mixing ratio 4:1	2.3	2.6	1.5	2.6
Mixing ratio 10:1	2	2.3	1.3	2.4
Mixing ratio 20:1	1.9	2.2	1.2	2.2

Second color				
Kit for expansion with second color	●	●	●	●

Mixing technology				
Standard injection	●	●	●	●
Adaptive injection system (AIS)	●	●	●	●

Material pressure max (static)				
40 bar	●	●		
224 bar			●	
250 bar				●
370 bar				
480 bar				
530 bar				

TwinControl
35-150

TwinControl
48-110

TwinControl
95-150

TwinControl
72-200

TwinControl
60-240

●	●			
●	●	●	●	●
		●	●	●
●	●	●	●	●
●	●	●	●	●
1:1 - 20:1	1:1 - 20:1	1:1 - 10:1	1:1 - 10:1	1:1 - 10:1
-	6.6	9	12	14.4
5.6	4.2	5.6	7.5	9
4.9	3.8	4.9	6.6	7.9
4.7	3.5	-	-	-
●	●	●	●	●
●	●	●	●	●
●	●			
●				
	●			
				●
		●	●	

TwinControl 5-60

Electronic mixing and dosing system

Electronic 2K mixing system for airspray applications. Different variants can be configured for different applications. Second color can be retrofitted with extension set.

Technical data	
Mixing ratio range	0.1 :1 - 20 :1
Mixing accuracy	2 %
Material pressure	40 bar
Max. volumetric flow at mixing ratio 1:1	3.6 l/min
Max. volumetric flow at mixing ratio 4:1	2.3 l/min
Max. volumetric flow at mixing ratio 10:1	2 l/min
Material temperature range	5 °C - 60 °C
Material pH range	9 pH - 3.5 pH
Material inlet	M36x2 - M
Material outlet	G 3/8" - M
Compressed air connection	F - G 1/2"
Air inlet pressure range	5 bar - 8 bar

Product variants	Item no.
TwinControl 5-60 ABS Ex AIS GR P	2367760
TwinControl 5-60 ABS Ex GR	2339519
TwinControl 5-60 ABS Ex GR M	2339016
TwinControl 5-60 ABS Ex W	2340465
TwinControl 5-60 ABS GR	2340464
TwinControl 5-60 ABS W	2340466

Processable materials

Solvent-based paints (2K)
Water-based paints (2K)
High solid paints (2K)

Material-wetted parts

Stainless steel
Hard chrome
Tungsten carbide
Packing PE-T / PE-TG

Scope of delivery

Premounted, tested and ready to connect to air and power supply.

Order information

The unit is configured according to your individual requirement.
It will be mounted and delivered order-related.
EX: Atex version with turbine
GR: Frame with rollers
W: Wall mount
Wag: Trolley
P: Material pressure regulator pneumatic
M: Material pressure regulator mechanic

TwinControl 10-70

Electronic mixing and dosing system

Electronic 2K mixing system for airspray applications. Different variants can be configured for different applications. Second color can be retrofitted with extension set.

Technical data	
Mixing ratio range	0.1 :1 - 20 :1
Mixing accuracy	2 %
Material pressure	40 bar
Max. volumetric flow at mixing ratio 1:1	4.2 l/min
Max. volumetric flow at mixing ratio 4:1	2.6 l/min
Max. volumetric flow at mixing ratio 10:1	2.3 l/min
Material temperature range	5 °C - 60 °C
Material pH range	9 pH - 3.5 pH
Material inlet	M36x2 - M
Material outlet	G 3/8" - M
Compressed air connection	F - G 1/2"
Air inlet pressure range	5 bar - 8 bar

Product variants	Item no.
TwinControl 10-70 ABS Ex GR M	2339020
TwinControl 10-70 ABS GR	2340467

Processable materials

Solvent-based paints (2K)
Water-based paints (2K)
High solid paints (2K)

Material-wetted parts

Stainless steel
Hard chrome
Tungsten carbide
Packing PE-T / PE-TG

Scope of delivery

Premounted, tested and ready to connect to air and power supply.

Order information

The unit is configured according to your individual requirement.
It will be mounted and delivered order-related.
Please order accessories for the suction side of the pumps separately.
EX: Atex version with turbine
GR: Frame with rollers
M: Material pressure regulator mechanic

TwinControl 28-40

Electronic mixing and dosing system

Electronic 2K mixing system for AirCoat applications. Different variants can be configured for different applications. Second color can be retrofitted with extension set.

Technical data	
Mixing ratio range	0.1 :1 - 20 :1
Mixing accuracy	2 %
Material pressure	224 bar
Max. volumetric flow at mixing ratio 1:1	2.4 l/min
Max. volumetric flow at mixing ratio 4:1	1.5 l/min
Max. volumetric flow at mixing ratio 10:1	1.3 l/min
Material temperature range	5 °C - 60 °C
Material pH range	9 pH - 3.5 pH
Material inlet	M36x2 - M
Material outlet	G 3/8" - M
Compressed air connection	F - G 1/2"
Air inlet pressure range	5 bar - 8 bar

Product variants	Item no.
TwinControl Configurator Finishing VC	2367761
TwinControl 28-40 ABS Ex GR	2340468
TwinControl 28-40 ABS Ex W	2340469
TwinControl 28-40 ABS GR	2338992
TwinControl 28-40 ABS W	2340470

Processable materials

Solvent-based paints (2K)
Water-based paints (2K)
High solid paints (2K)

Material-wetted parts

Stainless steel
Hard chrome
Tungsten carbide
Packing PE-T / PE-TG

Scope of delivery

Premounted, tested and ready to connect to air and power supply.

Order information

The unit is configured according to your individual requirement.
It will be mounted and delivered order-related.
Please order accessories for the suction side of the pumps separately.
EX: Atex version with turbine
n.EX: Non-EX version with power connection
W: Wall mount
GR: Frame with rollers

TwinControl 35-70

Electronic mixing and dosing system

Electronic 2K mixing system for AirCoat applications. Different variants can be configured for different applications. Second color can be retrofitted with extension set.

Technical data	
Mixing ratio range	0.1 :1 - 20 :1
Mixing accuracy	2 %
Material pressure	250 bar
Max. volumetric flow at mixing ratio 1:1	4.2 l/min
Max. volumetric flow at mixing ratio 4:1	2.6 l/min
Max. volumetric flow at mixing ratio 10:1	2.4 l/min
Material temperature range	5 °C - 60 °C
Material pH range	9 pH - 3.5 pH
Material inlet	M36x2 - M
Material outlet	G 3/8" - M
Compressed air connection	F - G 1/2"
Air inlet pressure range	5 bar - 8 bar

Product variants	Item no.
TwinControl Configurator Finishing VC	2367764
TwinControl 35-70 ABS Ex GR	2338758
TwinControl 35-70 ABS Ex W	2340471
TwinControl 35-70 ABS GR	2339008
TwinControl 35-70 ABS W	2340473

Processable materials

Solvent-based paints (2K)
Water-based paints (2K)
High solid paints (2K)

Material-wetted parts

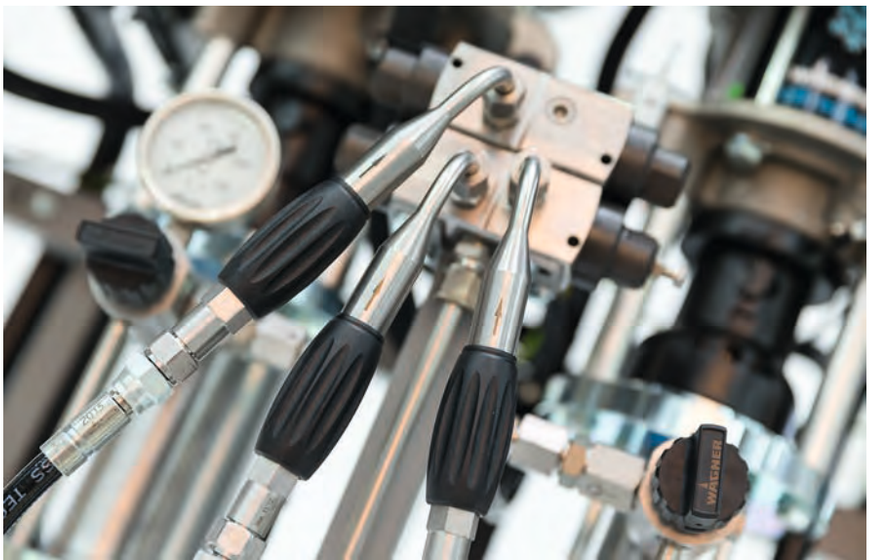
Stainless steel
Hard chrome
Tungsten carbide
Packing PE-T / PE-TG

Scope of delivery

Premounted, tested and ready to connect to air and power supply.

Order information

The unit is configured according to your individual requirement.
It will be mounted and delivered order-related.
Please order accessories for the suction side of the pumps separately.
GR: Frame with rollers
W: Wall mount
EX: Atex version with turbine



TwinControl 35-150/35-70

Electronic mixing and dosing system

Electronic 2K mixing system for AirCoat applications. Different variants can be configured for different applications. Second color can be retrofitted with extension set.

Technical data	
Mixing ratio range	0.1 :1 - 20 :1
Mixing accuracy	2 %
Material pressure	250 bar
Max. volumetric flow at mixing ratio 4:1	5.6 l/min
Max. volumetric flow at mixing ratio 10:1	4.9 l/min
Material temperature range	5 °C - 60 °C
Material pH range	9 pH - 3.5 pH
Material inlet	M36x2 - M
Material outlet	G 3/8" - M
Compressed air connection	F - G 1/2"
Air inlet pressure range	5 bar - 8 bar

Product variants	Item no.
TwinControl 35-150/70 ABS Ex GR	2340474
TwinControl 35-150/70 ABS Ex GR A+B E	2339004
TwinControl 35-150/70 ABS Ex Wag	2340476
TwinControl 35-150/70 ABS GR	2340475
TwinControl 35-150/70 ABS Wag	2340488

Processable materials

Solvent-based paints (2K)
Water-based paints (2K)
High solid paints (2K)

Material-wetted parts

Stainless steel
Hard chrome
Tungsten carbide
Packing PE-T / PE-TG

Scope of delivery

Premounted, tested and ready to connect to air and power supply.

Order information

The unit is configured according to your individual requirement.
It will be mounted and delivered order-related.
Please order accessories for the suction side of the pumps separately.
EX: Atex version with turbine
GR: Frame with rollers
Wag: Trolley
E: Prepared for external mixer
A+B: Heater for A and B

TwinControl 48-110

Electronic mixing and dosing system

Electronic 2K mixing system for AirCoat and airless applications up to 370 bar. Different variants can be configured for different applications. Second color can be retrofitted with extension set.

Technical data	
Mixing ratio range	0.1 :1 - 20 :1
Mixing accuracy	2 %
Material pressure	370 bar
Max. volumetric flow at mixing ratio 1:1	6.6 l/min
Max. volumetric flow at mixing ratio 4:1	4.2 l/min
Max. volumetric flow at mixing ratio 10:1	3.8 l/min
Material temperature range	5 °C - 60 °C
Material pH range	9 pH - 3.5 pH
Material inlet	M36x2 - M
Material outlet	G 3/8" - M
Compressed air connection	F - G 1/2"
Air inlet pressure range	5 bar - 8 bar

Product variants	Item no.
TwinControl 48-110 AB Ex GR	2340478
TwinControl 48-110 AB Ex Wag	2340477
TwinControl 48-110 ABS Ex GR	2339021
TwinControl 48-110 ABS Ex Wag	2340479
TwinControl 48-110 ABS GR	2339028

Processable materials

Solvent-based paints (2K)
Water-based paints (2K)
High solid paints (2K)

Material-wetted parts

Stainless steel
Hard chrome
Tungsten carbide
Packing PE-T / PE-TG

Scope of delivery

Premounted, tested and ready to connect to air and power supply.

Order information

The unit is configured according to your individual requirement.
It will be mounted and delivered order-related.
Please order accessories for the suction side of the pumps separately.
EX: Atex version with turbine
n.EX: Non-EX version with power connection
GR: Frame with rollers
Wag: Trolley

TwinControl PROTEC 95-150

Electronic mixing and dosing system

Electronic 2K mixing system for airless applications. Different variants can be configured for different applications. Second color can be retrofitted with extension set.

Technical data	
Mixing ratio range	0.1 :1 - 10 :1
Mixing accuracy	2 %
Material pressure	530 bar
Max. volumetric flow at mixing ratio 1:1	9 l/min
Max. volumetric flow at mixing ratio 4:1	5.6 l/min
Max. volumetric flow at mixing ratio 10:1	4.9 l/min
Material temperature range	5 °C - 60 °C
Material pH range	9 pH - 3.5 pH
Material inlet	G 1 1/2" - F
Material outlet	G 1/2" - M
Compressed air connection	F - G 1"
Air inlet pressure range	5 bar - 8 bar

Product variants	Item no.
TwinC. Protec 95-150 ABS Ex GR A+B PSV	2340486
TwinControl Protec 95-150 ABS Ex GR	2340480
TwinControl Protec 95-150 ABS Ex Wag	2340484
TwinControl Protec 95-150 ABS GR	2340482

Processable materials

Solvent-based paints (2K)
Water-based paints (2K)
High solid paints (2K)

Material-wetted parts

Stainless steel
Hard chrome
Tungsten carbide
Packing PE-T / PE-TG

Scope of delivery

Premounted, tested and ready to connect to air and power supply.

Order information

The unit is configured according to your individual requirement.
It will be mounted and delivered order-related.
Please order accessories for the suction side of the pumps separately.
EX: Atex version with turbine
n.EX: Non-EX version with power connection
GR: Frame with rollers
Wag: Trolley
A+B: Heater for A and B

TwinControl PROTEC 72-200

Electronic mixing and dosing system

Electronic 2K mixing system for airless applications. Different variants can be configured for different applications. Second color can be retrofitted with extension set.

Technical data	
Mixing ratio range	0.1 :1 - 10 :1
Mixing accuracy	2 %
Material pressure	530 bar
Max. volumetric flow at mixing ratio 1:1	12 l/min
Max. volumetric flow at mixing ratio 4:1	7.5 l/min
Max. volumetric flow at mixing ratio 10:1	6.6 l/min
Material temperature range	5 °C - 60 °C
Material pH range	9 pH - 3.5 pH
Material inlet	G 1 1/2" - F
Material outlet	G 1/2" - M
Compressed air connection	F - G 1"
Air inlet pressure range	5 bar - 8 bar

Product variants	Item no.
TwinControl Protec 72-200 ABS Ex GR	2345850
TwinControl Protec 72-200 ABS Ex Wagen	2345352

Processable materials

Solvent-based paints (2K)
Water-based paints (2K)
High solid paints (2K)

Material-wetted parts

Stainless steel
Hard chrome
Tungsten carbide
Packing PE-T / PE-TG

Scope of delivery

Premounted, tested and ready to connect to air and power supply.

Order information

The unit is configured according to your individual requirement.
It will be mounted and delivered order-related.
Please order accessories for the suction side of the pumps separately.
EX: Atex version with turbine
GR: Frame with rollers
Wag: Trolley

TwinControl PROTEC 60-240

Electronic mixing and dosing system

Electronic 2K mixing system for airless applications. Different variants can be configured for different applications. Second color can be retrofitted with extension set.

Technical data	
Mixing ratio range	0.1 :1 - 10 :1
Mixing accuracy	2 %
Material pressure	480 bar
Max. volumetric flow at mixing ratio 1:1	14.4 l/min
Max. volumetric flow at mixing ratio 4:1	9 l/min
Max. volumetric flow at mixing ratio 10:1	7.9 l/min
Material temperature range	5 °C - 60 °C
Material pH range	9 pH - 3.5 pH
Material inlet	G 1 1/2" - F
Material outlet	G 1/2" - M
Compressed air connection	F - G 1"
Air inlet pressure range	5 bar - 8 bar

Product variants	Item no.
TwinC. Protec 60-240 ABS Ex Wag A+B PSV	2340382
TwinControl Protec 60-240 ABS Ex GR	2340374
TwinControl Protec 60-240 ABS Ex Wagen	2340377
TwinControl Protec 60-240/150 ABS Ex GR	2340379
TwinControl Protec 60-240/150 ABS Ex Wag	2340483

Processable materials

Solvent-based paints (2K)
Water-based paints (2K)
High solid paints (2K)

Material-wetted parts

Stainless steel
Hard chrome
Tungsten carbide
Packing PE-T / PE-TG

Scope of delivery

Premounted, tested and ready to connect to air and power supply.

Order information

The unit is configured according to your individual requirement.
It will be mounted and delivered order-related.
Please order accessories for the suction side of the pumps separately.
EX: Atex version with turbine
GR: Frame with rollers
Wag: Trolley
A+B: Heater for A and B
PSV: Controller for gun flush box

Accessories TwinControl

WAGNER offers you an extensive range of accessories for the TwinControl mixing and dosing system.
Select your required components from the table.

	TwinControl 5-60	TwinControl 10-70	TwinControl 28-40	TwinControl 35-70	TwinControl 35-150/35-70	TwinControl 48-110	TwinControl 95-150	TwinControl 72-200	TwinControl 60-240/150	TwinControl 60-240	
Suction system											
Suction hose DN16-SSt cpl.	●	●	●	●		●					2324110
Suction hose DN25-SSt cpl.	●	●	●	●	●	●	●	●	●	●	2324116
Suction hose DN38-PC cpl.							●	●	●	●	2325815
Fitting-EF-FM-G1 1/2-G1 1/2-PN25-TG							●	●	●	●	2329019
Fitting-DF-MM-G1½" - Rd55x1/6"-PN25-CS							●	●	●	●	2336489
Material pressure regulator											
Flushing pressure set 8 bar	●	●									2315985
Material pressure regulator set 8 bar mechan.	●	●									2315994
Material pressure regulator set 8 bar pneum. ET	●	●									2315965
Extension second color											
Extension set 2A-HM1-ND (TC)	●	●									2340707
Extension set 2A-SM1 (TC)			●	●							2341205
Extension set 2A-HM2 (TC)					●						2341006
External mixer											
External mixer NW 4	●	●									2338298
External mixer autom. NW4	●	●									2339621
External mixer NW2.6			●	●	●						2338297
External mixer autom. NW2.6			●	●	●						2339620
External mixer NW 8						●	●	●	●	●	2338300
Circulation mixer NW 8 external						●	●	●	●	●	2338301
Heater set											
Heater set A,B TC to 35-150	●	●	●	●	●						2338290
Heater set A,B TC 48-110 to 72-200						●	●	●	●		2338294
Heater set A,B TC trolley 95-150 to 72-200							●	●	●		2338293
Heater set B trolley TC 60-240										●	2340907
Heater set B TC 60-240										●	2340906
Other accessories											
Gun distributor NW2.6 TC PN 270 bar	●	●	●	●	●						2338302
Gun distributor NW4 TC PN 100 bar	●	●									2338303
Remote control cpl. TwinControl electrostatic	●	●	●	●	●						2313533
Set external horn	●	●	●	●	●	●	●	●	●	●	2312343
Extension set controler TwinControl	●	●	●	●	●	●	●	●	●	●	2320609
Remote control TC incl. cable 15 m	●	●	●	●	●	●	●	●	●	●	2308874
Cable remote control	●	●	●	●	●	●	●	●	●	●	2308879
Archive software Twindata Ethernet	●	●	●	●	●	●	●	●	●	●	2317812
Archive software Twindata RS-232	●	●	●	●	●	●	●	●	●	●	2317811
Archive software Twindata USB	●	●	●	●	●	●	●	●	●	●	2309015

2K Smart / 2K COMFORT mixing & dosing systems

The WAGNER 2K mixing and dosing systems 2K Smart and 2K COMFORT are the ideal solution for meeting the requirements for high-precision mixture ratios and homogeneity, fast paint changes, complex 2K or 3K applications and complete automation. 2K Smart offers an almost unlimited number of options for use and the integration of peripheral devices (e.g. robots, conveyors or automated lines). Precise measurement and control technology, as well as different monitoring systems ensure high process safety.

2K Smart

2K Smart C

2K COMFORT

2K COMFORT 2-circuit

2K COMFORT XL

Application					
Finishing airspray	●	●	●	●	●
Finishing AirCoat/airless	●	●	●	●	●
Finishing heavy duty (e.g. ACE-T)			●	●	●
Protective Coating					●
Processable material					
Solvent-based materials	●	●	●	●	●
Water-based materials	●	●	●	●	●
2K	●	●	●	●	●
3K	●	●	●	●	●
4K			●		●
Max. no. of components					
A component	5	4	25	10 per circuit	10
B component	2	2	10	5 per circuit	5
C component	1	1	10	5 per circuit	5
D component	-	-	10	-	5
Material pressure max (static)					
250 bar	●	●			
325 bar			●	●	
530 bar					●
Volumetric flow					
Volumetric flow max. in l/min	3	3	7	7	25
Mixing technology					
Standard injection	●	●	●	●	●
Adaptive Injection System (AIS)	●	●	●	●	●

2K Smart

Electronic mixing and dosing system

Electronic mixing system for up to five colors and three components. Adaptable to different applications through flexible configuration. High process stability, constant mixing conditions, easy integration.

Technical data	
Mixing ratio range	0.1 :1 - 50 :1
Mixing accuracy	1 %
Material pressure	0.5 bar - 250 bar
Possible number A - Components	1 - 5
Possible number B - Components	1
Possible number A - Cleaner	2
Material temperature range	5 °C - 60 °C
Material pH range	9 pH - 3.5 pH
Material inlet	G 1/4" - M
Material outlet	G 1/4" - M
Length	340 mm
Width	757 mm
Height	1,425 mm

Product variants	Item no.
2K Smart VC	2374716

Processable materials

Solvent-based paints (2K and 3K)
Water-based paints (2K and 3K)
High solid paints (2K and 3K)

Material-wetted parts

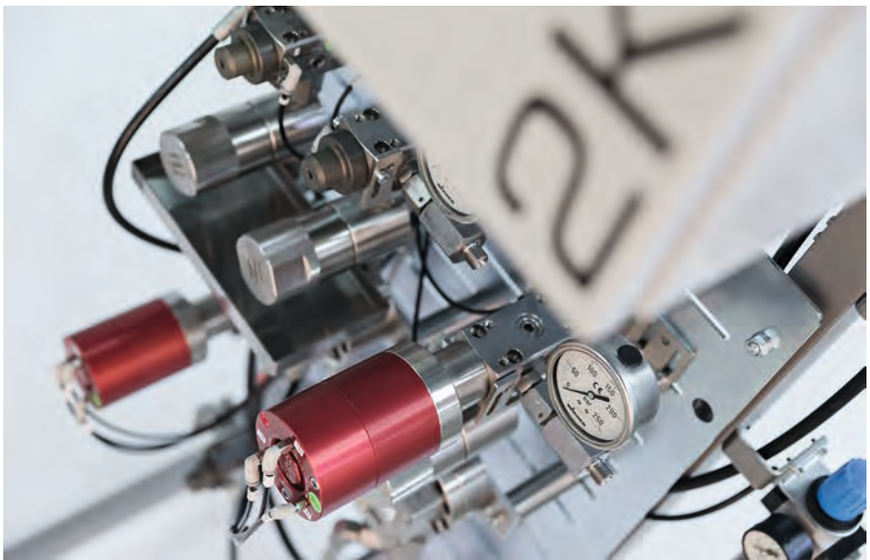
Stainless steel
FEP
Tungsten carbide
PE
PA

Scope of delivery

Mixing unit and USB stick with all manuals (unit and software), spare part catalogue and 2K data software.

Order information

The unit is configured according to your individual requirement. It will be mounted and delivered order-related.



2K Smart C

Electronic mixing and dosing system

AC AL AS CE

Complete, individually configurable solution for the ready-to-spray preparation of multi-component paints. The system includes not only the mixing unit, but also material supply and preparation. The effort for assembly and commissioning of this complete system is significantly reduced by the pre-installed components.

Technical data	
Mixing ratio range	0.1 :1 - 50 :1
Possible number A - Components	1 - 4
Possible number B - Components	1
Possible number A - Cleaner	1
Material temperature range	5 °C - 60 °C
Material pH range	3.5 pH - 9 pH
Material outlet	G 1/4" - M
Air inlet pressure range	7 bar - 8 bar

Product variants	Item no.
2K Smart C VC	2400967

Processable materials

Solvent-based paints (2K and 3K)
Water-based paints (2K and 3K)
High-Solid-paints (2K and 3K)

Material-wetted parts

Stainless steel
FEP
Tungsten carbide
PE
POM
PTFE
PA

Scope of delivery

Premounted, tested and ready to connect to air and power supply.

Order information

The unit is configured according to your individual requirement.
It will be mounted and delivered order-related.

2K COMFORT

Electronic mixing and dosing system

Electronic mixing system for up to 25 colors and four components. Adaptable to different applications through flexible configuration. High process stability, constant mixing conditions, easy integration.

Technical data	
Mixing ratio range	0.1 :1 - 50 :1
Mixing accuracy	1 %
Material pressure	1 bar - 325 bar
Possible number A - Components	1 - 25
Possible number B - Components	1
Possible number A - Cleaner	1 - 10
Possible number D - Cleaner	5
Material temperature range	5 °C - 60 °C
Material pH range	9 pH - 3.5 pH
Material inlet	G 1/4" - M
Material outlet	G 1/4" - M

Product variants	Item no.
2K COMFORT VC	2357336

Processable materials

High solid paints (2K, 3K and 4K)
Solvent-based paints (2K, 3K and 4K)
Water-based paints (2K, 3K and 4K)

Material-wetted parts

Stainless steel
Tungsten carbide

Scope of delivery

Mixing unit and USB stick with all manuals (unit and software), spare part catalogue and 2K data software.

Order information

The unit is configured according to your individual requirement. It will be mounted and delivered order-related.

2K COMFORT 2-circuit

Electronic mixing and dosing system

Electronic mixing system for up to ten colors and three components. Two separate, indepently working fluid circuits, e.g. for processing incompatible paint systems or the independent supply of two paint booths.

Technical data	
Mixing ratio range	0.1 :1 - 50 :1
Mixing accuracy	1 %
Material pressure	1 bar - 325 bar
Possible number A - Components	2 - 10
Possible number B - Components	1
Possible number A - Cleaner	1 - 5
Material temperature range	5 °C - 60 °C
Material pH range	9 pH - 3.5 pH
Material inlet	G 1/4“
Material outlet	NPS 1/4“

Product variants	Item no.
2K COMFORT VC	2364668

Processable materials

High solid paints (2K and 3K)
Solvent-based paints (2K and 3K)
Water-based paints (2K and 3K)

Material-wetted parts

Stainless steel
Tungsten carbide

Scope of delivery

Mixing unit and USB stick with all manuals (unit and software), spare part catalogue and 2K data software.

Order information

The unit is configured according to your individual requirement. It will be mounted and delivered order-related.
Technical data on components and flushing agents refer to one circuit each.

2K COMFORT XL

Electronic mixing and dosing system

Electronic mixing system for up to ten colors and four components. For applications with high flow rates and material pressure of up to 530 bar. Adaptable to different applications through flexible configuration.

Technical data	
Mixing ratio range	0.1 :1 - 50 :1
Mixing accuracy	2 %
Material pressure	0.5 bar - 530 bar
Possible number A - Components	1 - 10
Possible number B - Components	1 - 5
Possible number C - Components	0 - 5
Possible number D - Components	0 - 5
Possible number A - Cleaner	0 - 1
Possible number B - Cleaner	0 - 1
Possible number C - Cleaner	0 - 1
Possible number D - Cleaner	0 - 1
Material temperature range	5 °C - 60 °C
Material pH range	9 pH - 3.5 pH
Material inlet	G 3/8“ - M
Material outlet	G 3/8“ - M

Product variants	Item no.
2K COMFORT XL	2357342

Processable materials

High solid paints (2K, 3K and 4K)
Solvent-based paints (2K, 3K and 4K)
Water-based paints (2K, 3K and 4K)

Material-wetted parts

Stainless steel
Tungsten carbide
PTFE
PE

Scope of delivery

Mixing unit and USB stick with all manuals (unit and software), spare part catalogue and 2K data software.

Order information

The unit is configured according to your individual requirement. It will be mounted and delivered order-related.

Cobra 2 component

Mixing and dosing system

1:1 Mixing pump for polyester applications, AirCoat up to 250 bar and 2 l/min.

Technical data	
Mixing ratio fixed	1 :1
Mixing accuracy	10 %
Material pressure	250 bar
Volumetric flow per double stroke	10 cm^3/DS
Max. stroke rate	200 DS/min
Material temperature range	10 °C - 80 °C
Material pH range	9 pH - 3.5 pH
Compressed air connection	G 1/2“
Air inlet pressure range	2.5 bar - 6 bar
Weight	36,000 g

Product variants	Item no.
Cobra 2K on base frame	U850.00S
Cobra 2K on base frame	U850.00SA
Cobra 2K on trolley	U850.00CA

Processable materials

Polyester

Material-wetted parts

Nickel plated)

Stainless steel

Stainless steel 1.4104

Tungsten carbide

Order information

Suction hoses and additional accessories round out the accessories range.

PROTEC 2K 75-150/38

Mechanical mixing system

Mechanical 2K system for processing heavy corrosion protection paints and primers. Mixing ratio of 4:1, up to 500 bar and 5.7 l/min. With flushing pump and heater sets as options.

Technical data	
Mixing ratio fixed	4 :1
Material pressure	500 bar
Volumetric flow per double stroke	188 cm^3/DS
Max. stroke rate	30 DS/min
Material temperature range	5 °C - 80 °C
Material pH range	9 pH - 3.5 pH
Material outlet	G 3/8" - M
Air inlet pressure range	1.5 bar - 6.5 bar
Sound level at 6 bar air pressure	80 dB(A)

Product variants	Item no.
PROTEC 2K75-150/38	2350376
PROTEC 2K75-150/38 GM1	2352859
PROTEC 2K75-150/38 GM1 flushp.	2352862
PROTEC 2K75-150/38 flushp.	2352858

Processable materials

Water-based paints (2K)
Solvent-based paints (2K)
High solid paints (2K)

Material-wetted parts

Stainless steel
Tungsten carbide
PE
PTFE
Zinc-plated steel

Scope of delivery

Basic unit with container
Depending on spraypack: Flushing pump and airless spray gun

Order information

Heater sets available as accessories contain all the parts needed for attachment for one component.
Basic unit without flushing pump.
Flushing pump set with all the parts needed for commissioning.

PROTEC 2K 70-150/50

Mechanical mixing system

Mechanical 2K system for processing heavy corrosion protection paints and primers. Mixing ratio of 3:1, up to 465 bar and 6.0 l/min. With flushing pump and heater sets as options.

Technical data	
Mixing ratio fixed	3 :1
Material pressure	465 bar
Volumetric flow per double stroke	200 cm^3/DS
Max. stroke rate	30 DS/min
Material temperature range	5 °C - 80 °C
Material pH range	9 pH - 3.5 pH
Material outlet	G 3/8" - M
Air inlet pressure range	1.5 bar - 6.5 bar
Sound level at 6 bar air pressure	80 dB(A)

Product variants	Item no.
PROTEC 2K70-150/50	2350375
PROTEC 2K70-150/50 GM1	2352864
PROTEC 2K70-150/50 GM1 flushp.	2352865
PROTEC 2K70-150/50 flushp.	2352863

Processable materials

Water-based paints (2K)
Solvent-based paints (2K)
High solid paints (2K)

Material-wetted parts

Stainless steel
Tungsten carbide
PE
PTFE
Zinc-plated steel

Scope of delivery

Basic unit with container
Depending on spraypack: Flushing pump and airless spray gun

Order information

Heater sets available as accessories contain all the parts needed for attachment for one component.
Basic unit without flushing pump.
Flushing pump set with all the parts needed for commissioning.

PROTEC 2K 64-150/75

Mechanical mixing system

Mechanical 2K system for processing heavy corrosion protection paints and primers. Mixing ratio of 2:1, up to 415 bar and 6.8 l/min. With flushing pump and heater sets as options.

Technical data	
Mixing ratio fixed	2 :1
Material pressure	415 bar
Volumetric flow per double stroke	225 cm^3/DS
Max. stroke rate	30 DS/min
Material temperature range	5 °C - 80 °C
Material pH range	9 pH - 3.5 pH
Material outlet	G 3/8" - M
Air inlet pressure range	1.5 bar - 6.5 bar
Sound level at 6 bar air pressure	80 dB(A)

Product variants	Item no.
PROTEC 2K64-150/75	2350374
PROTEC 2K64-150/75 GM1	2352867
PROTEC 2K64-150/75 GM1 flushp.	2352868
PROTEC 2K64-150/75 flushp.	2352866

Processable materials

Water-based paints (2K)
Solvent-based paints (2K)
High solid paints (2K)

Material-wetted parts

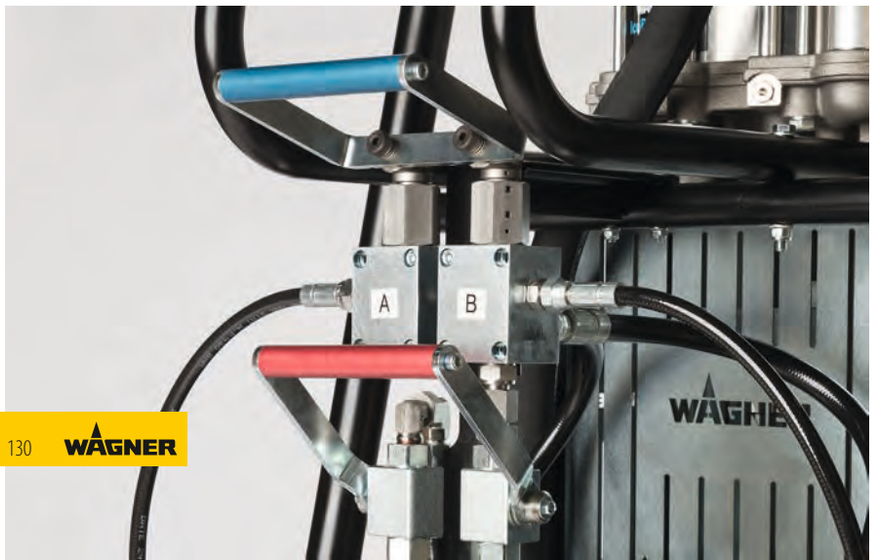
Stainless steel
Tungsten carbide
PE
PTFE
Zinc-plated steel

Scope of delivery

Basic unit with container
Depending on spraypack: Flushing pump and airless spray gun

Order information

Heater sets available as accessories contain all the parts needed for attachment for one component.
Basic unit without flushing pump.
Flushing pump set with all the parts needed for commissioning.



PROTEC 2K 65-110/110

Mechanical mixing system

Mechanical 2K system for processing heavy corrosion protection paints and primers. Mixing ratio of 1:1, up to 420 bar and 6.6 l/min. With flushing pump and heater sets as options.

Technical data	
Mixing ratio fixed	1 :1
Material pressure	420 bar
Volumetric flow per double stroke	220 cm^3/DS
Max. stroke rate	30 DS/min
Material temperature range	5 °C - 80 °C
Material pH range	9 pH - 3.5 pH
Material outlet	G 3/8" - M
Air inlet pressure range	1.5 bar - 6.5 bar
Sound level at 6 bar air pressure	80 dB(A)

Product variants	Item no.
PROTEC 2K65-110/110	2350373
PROTEC 2K65-110/110 GM1	2352870
PROTEC 2K65-110/110 GM1 flushp.	2352871
PROTEC 2K65-110/110 flushp.	2352869

Processable materials

Water-based paints (2K)
Solvent-based paints (2K)
High solid paints (2K)

Material-wetted parts

Stainless steel
Tungsten carbide
PE
PTFE
Zinc-plated steel

Scope of delivery

Basic unit with container
Depending on spraypack: Flushing pump and airless spray gun

Order information

Heater sets available as accessories contain all the parts needed for attachment for one component.
Basic unit without flushing pump.
Flushing pump set with all the parts needed for commissioning.

Accessories PROTEC 2K

WAGNER offers you an extensive range of accessories for the PROTEC 2K mixing system.
Select your required components from the table.

	PROTEC 2K 75-150/38	PROTEC 2K 70-150/50	PROTEC 2K6 4-150/75	PROTEC 2K 65-110/110	
Paint section A					
Paint section A 150 PE/TG 2K	●	●	●	●	2352830
Paint section A 110 PE/T 2K	●	●	●	●	2352829
Paint section B					
Paint section B 38 PE/T 2K	●	●	●	●	2352825
Paint section B 50 PE/T 2K	●	●	●	●	2352826
Paint section B 75 PE/T 2K	●	●	●	●	2352827
Paint section B 110 PE/T 2K	●	●	●	●	2353639
Flushing pump					
Set flushing pump 35-70 2K PC	●	●	●	●	2352831
Material hose airless					
Fitting-DF-MM-1/4NPSM-3/8NPSM-530bar-SSt	●	●	●	●	367561
Heater set					
Heater set B 2K PC	●	●	●	●	2352832
Service sets					
Service set paint section B 38cc PE+T	●				2353097
Service set air motor 10“	●	●	●	●	2353088
Service set paint section 70/150 ccm PE+TG	●	●	●		368990
Service set paint section B 50cc PE+T		●			2353098
Service set paint section B 75cc PE+T			●		2353099
Service set paint section 110 ccm PE+TG				●	368997
Other accessories					
Set external mixer 2K PC	●	●	●	●	2353092
Set throttle valve	●	●	●		2365045
Set circulation A3/8 B3/8 2K PC	●	●	●		2365243
Set circulation A3/8 B1/4 2K PC				●	2362987

Strong performance for outstanding results.

136

Material pressure tanks
The use of material pressure tanks is suitable when large areas have to be coated or continuous spraying work has to be carried out. The great advantage is the completely pulsation-free material flow, which leads to optimum spraying results. In addition, conventional air atomizing spraying and a material supply with material pressure tanks eliminate the time-consuming refilling of gravity and pressure cups. Material pressure tanks are particularly suitable for use with abrasive materials.

146

Finishing low-pressure diaphragm pumps
These pumps are the perfect solution for continuous material feeding in manual and automatic airspray applications. They process both simple coating materials and highly viscous, shear-sensitive, thixotropic or heat-sensitive materials.

152

Finishing piston and diaphragm pumps
Longevity, high reliability and versatility - these are the outstanding characteristics of WAGNER finishing pumps. They are ideally suited for the entire spectrum of industrial applications, from small businesses to large industrial plants. Thanks to their user-friendliness and easy maintenance, they optimize coating processes and reduce running costs.

Feeding

Whether paints, stains, release agents, primers, adhesives, chemicals, with high or low viscosity, aqueous or with a high solid content - WAGNER offers the right feeding pump for every medium and application. Our pumps convince with constant performance, low-icing air motors, high reliability, ease of maintenance, low wear and low energy consumption.

168

Protective Coating piston pumps
WAGNER Protective Coating piston pumps are ideally suited for thick-film corrosion protection - even with extensive coating and multi-gun applications. A consistent solution for extreme challenges, even under demanding operating conditions. The pumps are robust, reliable and easy to maintain in daily use.

174

Low-pressure diaphragm pumps for material feeding
Pneumatic double diaphragm pumps have been specially designed to reduce air consumption while maintaining high performance and reliability. They are used in the application of corrosive, abrasive and highly viscous liquid media.

184

Low-pressure piston pumps for material feeding
WAGNER IceBreaker low-pressure piston pumps are the ideal solution for reliable and low-maintenance paint supply systems of all sizes. The powerful and energy-saving air motors always have sufficient power reserves even with large material flows. They work completely ice-free - even and especially in continuous operation.

Material pressure tanks

The use of material pressure tanks is suggested when coating large surface areas and performing continuous spraying work. The greatest advantage of pressure tanks is that the material flow is absolutely free of pulsation, which leads to excellent spraying results. Furthermore, there is no more time-consuming refilling of gravity feed and pressure cups for all conventional air atomizing guns and material supply with material pressure containers. Pressure tanks are ideal for use with abrasive materials, as they have virtually no wear parts. They are also very suitable for shear-sensitive materials. Customer-specific pressure tank solutions are available on request.

LDG 5

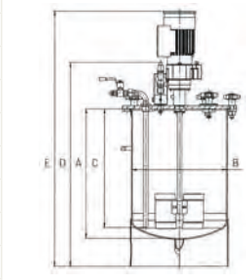
LDG 10

LDG 20

Characteristics			
Stainless steel version	●	●	●
Galvanized steel version			
Material pressure range -1 bar up to +6 bar	●	●	●
Pulsation-free material feeding	●	●	●
No material shearing	●	●	●
Self-filling by vacuum			
Conveying out of delivery container	●	●	●
Modularly expandable			
Inliner plastic (polypropylene, Atex)	●	●	
Inliner optionally stainless steel / galvanized			

Processable material			
Water-based materials	●	●	●
Solvent-based materials	●	●	●
UV-sensitive material	●	●	●
Shear-sensitive material	●	●	●
Moisture-sensitive material	●	●	●

Agitators			
Without agitator (ORW)	●	●	●
Manual agitator (HRW)	●	●	●
Compressed air operated (DRW)* ⟨Ex⟩	0.16 kW, max. 400 1/min	0.36 kW, max. 200 1/min	0.36 kW, max. 200 1/min
Electrically operated (ERW)* ⟨Ex⟩	-	0.12 kW, 60 1/min	0.12 kW, 60 1/min

Dimensions				
Volume / Net capacity in litres		4.9 / 3.5	11.4 / 9	18 / 15
Inner height **A** (in mm)		196	251	341
Inner diameter **B** (in mm)		183	232	269
Riser tube **C** (in mm)		-	233	305
Material connection top		1/4"	1/4"	3/8"
Material connection bottom		1/2"	1/2"	1"
Total height with ORW** **D** (in mm)		381 / 414	445 / 481	524 / 604
Total height with HRW** **E** (in mm)		538 / 568	592 / 624	681 / 757
Total height DRW** **E** (in mm)		388 / 416	515 / 547	604 / 680
Total height ERW** **E** (in mm)			659 / 691	748 / 824

** also available in non ATEX **Material connection or outlet: top / bottom*
Other tank designs with additional bores, sleeves, level probes etc. are available on request

MDG 2

MDG 12

MDG 22

MDG 45

MDG 60

●	●	●	●	●
●	●	●	●	●
●	●	●	●	●
●	●	●	●	●
●	●	●	●	●
●	●	●	●	●
●	●	●	●	●
●	●	●	●	●
	●	●	●	●
●	●	●	●	●
●	●	●	●	●
●	●	●	●	●
●	●	●	●	●
●	●	●	●	●
●	●	●	●	●
●	●	●	●	●
0.16 kW, max. 400 1/min	0.36 kW, max. 200 1/min	0.36 kW, max. 200 1/min	0.36 kW, max. 200 1/min	0.36 kW, max. 200 1/min
-	0.12 kW, 60 1/min	0.12 kW, 60 1/min	0.12 kW, 60 1/min	0.12 kW, 60 1/min
2.45 / 1.8	14 / 11.8	22.3 / 19.5	48 / 42.8	63.6 / 58.6
200	355	460	494	646
125	244	270	362	362
194	277	372	452	604
1/4"	3/8"	3/8"	3/8"	3/8"
1/4"	1"	1"	1"	1"
394	536 / 586	620 / 694	751 / 781	903 / 933
-	686 / 736	769 / 843	901/ 931	1053 / 1083
398	608 / 658	692 / 766	824/854	974 / 1004
-	752 / 802	836 / 910	968 / 998	1120 / 1150

LDG 5

Light pressure tank

Thin-walled containers of type LDG 5 are made entirely of stainless steel. The cover is attached by 4 foldable star handle locks.

Technical data	
Capacity	4.9 l
Usable capacity	3.5 l
Material pressure	6 bar

Product variants	Item no.
LDG-5 6bar DRW 1oA VA	V4405160213
LDG-5 6bar HRW 1oA VA	V4405160113
LDG-5 6bar ORW 1oA VA	V4405160013

Scope of delivery

Documentation including declaration of conformity
Pressure tank with riser tube and material ball valve
Compressed air inlet fitting
Plastic inliner
Pressure gauge
Safety valve

Order information

Select the equipment you want for your pressure vessel:
1oA = 1 top material outlet
ORW = without mixer;
HRW = with manual agitator;
DRW = with compressed air agitator;
ERW = with electric agitator
VA = stainless steel

LDG 10

Light pressure tank

Thin-walled containers of type LDG 10 are made entirely of stainless steel. The cover is attached by 4 foldable star handle locks.

Technical data	
Capacity	10 l
Usable capacity	9 l
Material pressure	6 bar

Product variants	Item no.
LDG-10 6bar DRW 1oA VA	V4410160213
LDG-10 6bar ERW 1oA VA	V4410160313
LDG-10 6bar HRW 1oA VA	V4410160113
LDG-10 6bars ORW 1oA VA	V4410160013

Scope of delivery

Documentation including declaration of conformity
Pressure tank with riser tube and material ball valve
Compressed air inlet fitting
Plastic inliner
Pressure gauge
Safety valve

Order information

Select the equipment you want for your pressure vessel:
1oA = 1 top material outlet
ORW = without mixer;
HRW = with manual agitator;
DRW = with compressed air agitator;
ERW = with electric agitator
VA = stainless steel

LDG 20

Light pressure tank

Thin-walled containers of type LDG 20 are made entirely of stainless steel. The cover is attached by 4 foldable star handle locks.

Technical data	
Capacity	18 l
Usable capacity	15 l
Material pressure	6 bar

Product variants	Item no.
LDG-20 6bar DRW 1oA VA	V4420160213
LDG-20 6bar ERW 1oA VA	V4420160313
LDG-20 6bar HRW 1oA VA	V4420160113
LDG-20 6bar ORW 1oA VA	V4420160013

Scope of delivery

Documentation including declaration of conformity
Pressure tank with riser tube and material ball valve
Compressed air inlet fitting
Pressure gauge
Safety valve

Order information

Select the equipment you want for your pressure vessel:
1oA = 1 top material outlet
ORW = without mixer;
HRW = with manual agitator;
DRW = with compressed air agitator;
ERW = with electric agitator
VA = stainless steel

MDG 2

Material pressure tank

Material pressure tank, type MDG 2, with fully assembled compressed air inlet fitting, reversible, including component-tested safety valve. Cover also equipped with a 1/4“ fluid conduit and a 1/4“ material outlet ball valve.

Technical data	
Capacity	2.45 l
Usable capacity	1.8 l

Product variants	Item no.
MDG-2 3bar ORW 1oA VA	V4402130013
MDG-2 6bar ORW 1oA VA	V4402160013

Scope of delivery

Cover with ascending pipe
Documentation
Pressure tank
Compressed air inlet fitting, complete
Material outlet ball valve
Safety valve

Order information

Select the equipment you want for your pressure vessel:
1oA = 1 top material outlet
ORW = without mixer
VA = stainless steel

MDG 12

Material pressure tank

Material pressure tank, type MDG 12, with fully assembled air inlet fitting, reversible, including component-tested safety valve. Cover also equipped with standard filling closure ø 55 mm, suction tube and an upper material outlet ball valve.

Technical data	
Capacity	14 l
Usable capacity	11.8 l
Material pressure	6 bar

Product variants	Item no.
MDG-12 6bar DRW 1oA galvanized	V4422160212
MDG-12 6bar ERW 1oA galvanized	V4422160312
MDG-12 6bar HRW 1oA galvanized	V4422160112
MDG-12 6bar ORW 1oA galvanized	V4422160012

Scope of delivery

Cover with standard filler cap
Documentation
Pressure tank
Compressed air inlet fitting, complete
Declaration of conformity
Material outlet ball valve
Safety valve
Ascending pipe

Order information

Select the equipment you want for your pressure vessel:
1oA = 1 top material outlet
ORW = without mixer;
HRW = with manual agitator;
DRW = with compressed air agitator;
ERW = with electric agitator
vz = galvanized steel

MDG 22

Material pressure tank

Material pressure tank, type MDG 22, with fully assembled air inlet fitting, reversible, including component-tested safety valve. Cover also equipped with standard filling closure ø 55 mm, suction tube and an upper material outlet ball valve.

Technical data	
Capacity	22.3 l
Usable capacity	19.5 l
Material pressure	6 bar

Product variants	Item no.
MDG-22 6bar DRW 1oA vz	V4432160212
MDG 22 zinc-plated with electric agitato	V4432160312
MDG 22 zinc-plated with manual agitator	V4432160112
MDG-22 6bar ORW 1oA vz	V4432160012

Scope of delivery

Cover with standard filler cap
Documentation
Compressed air inlet fitting, complete
Pressure tank
Declaration of conformity
Material outlet ball valve
Safety valve
Ascending pipe

Order information

Select the equipment you want for your pressure vessel:
1oA = 1 top material outlet
ORW = without mixer;
HRW = with manual agitator;
DRW = with compressed air agitator;
ERW = with electric agitator
vz = galvanized steel

MDG 45

Material pressure tank

Material pressure tank, type MDG 45, with fully assembled air inlet fitting, reversible, including component-tested safety valve. Cover also equipped with standard filling closure ø 55 mm, suction tube and an upper material outlet ball valve.

Technical data	
Capacity	48 l
Usable capacity	42.8 l

Product variants	Item no.
MDG-45 4bar DRW 1oA galvanized	V4424140212
MDG-45 4bar ERW 1oA vz	V4424140312
MDG-45 4bar HRW 1oA vz	V4424140112
MDG-45 4bar ORW 1oA galvanized	V4424140012
MDG-45 6bar DRW 1oA galvanized	V4424160212
MDG-45 6bar ERW 1oA galvanized	V4424160312
MDG-45 6bar HRW 1oA galvanized	V4424160112
MDG-45 6bar ORW 1oA galvanized	V4424160012

Scope of delivery

Cover with standard filler cap
Documentation
Pressure tank
Compressed air inlet fitting, complete
Declaration of conformity
Material outlet ball valve
Safety valve
Ascending pipe

Order information

Select the equipment you want for your pressure vessel:
1oA = 1 top material outlet
ORW = without mixer;
HRW = with manual agitator;
DRW = with compressed air agitator;
ERW = with electric agitator
vz = galvanized steel

MDG 60

Material pressure tank

Material pressure tank, type MDG 60, with fully assembled air inlet fitting, reversible, including component-tested safety valve. Cover also equipped with standard filling closure ø 55 mm, suction tube and an upper material outlet ball valve.

Technical data	
Capacity	63.6 l
Usable capacity	58.6 l

Product variants	Item no.
MDG 60 zinc-plated with pneumatic agitat	V4425130212
MDG 60 zinc-plated with electric agitato	V4425130312
MDG 60 zinc-plated with manual agitator	V4425130112
MDG 60 zinc-plated without agitator	V4425130012
MDG 60 zinc-plated with pneumatic agitat	V4425160212
MDG 60 zinc-plated with electric agitato	V4425160312
MDG 60 zinc-plated with manual agitator	V4425160112
MDG-60 6bar ORW 1oA galvanized	V4425160012

Scope of delivery

Cover with standard filler cap
Documentation
Pressure tank
Compressed air inlet fitting, complete
Declaration of conformity
Material outlet ball valve
Safety valve
Ascending pipe

Order information

Select the equipment you want for your pressure vessel:
1oA = 1 top material outlet
ORW = without mixer;
HRW = with manual agitator;
DRW = with compressed air agitator;
ERW = with electric agitator
vz = galvanized steel

Airspray finishing diaphragm pumps

WAGNER offers you three finishing systems with low-pressure diaphragm pumps. Choose the right solution for your requirements from the following table. Further information can be found directly on the product pages.

TOPFINISH
DD10

ZIP 52
Finishing

ZIP 52
Perfect Flow

Processable material			
Water-based material	●	●	●
Solvent-based material	●	●	●
UV- / Moisture-sensitive material		●	
Shear-sensitive material	●	●	●
Material outlet pressure max.			
8 bar, 116 PSI	●	●	●
Material pressure regulator with filter		●	
Pressure damper			●
Controller or damper not required	●		
Material connection			
Material inlet	G ½"-I	G ½"-I	G ½"-I
Material outlet	G ⅜"-I	G ½"-I	G ½"-I
Volumetric flow			
At 10 DS/min [l/min.]	0.40	0.60	1.00
At 20 DS/min [l/min.]	0.80	1.20	2.00
At 30 DS/min [l/min.]	1.20	1.80	3.00

TOPFINISH DD10

Low-pressure diaphragm pump

TOPFINISH DD10 is a 1:1 double diaphragm pump to feed manual and automatic airspray guns with material. The TOPFINISH DD10 can feed up to four guns directly or via a 2K unit.

Technical data	
Material ball	Stainless steel
Material membran	PA 11
Length	192 mm
Width	165 mm
Height	265 mm
Weight	4.1 kg
Compressed air connection	A, G 1/4"
Material inlet	I, G 1/2"
Material outlet	I, G 3/8"
Air inlet pressure range	1.5 bar - 8 bar
Material pressure	8 bar
Sound level at 6 bar air pressure	62 dB(A)
Multiplication ratio	1
Volumetric flow per free flow	10 l/min
Volumetric flow per double stroke	40 cm^3/DH
Material temperature range	5 °C - 60 °C
Ambient temperature range	10 °C - 60 °C

Product variants	Item no.
DD10 pump	2414298
DD10 pump with regulator	2414299

Processable materials

Water and solvent-based material
Metallic paints
Pre-mixed 2K material
Base material & catalysts
Abrasive material
Shear sensitive material
Separating agents

Material-wetted parts

Aluminum nickel plated
PA

Scope of delivery

Pump
Regulators for atomization air and pump supply included
Grounding cable

Order information

Using the variant configurator of the manual airspray gun GM 1030P, you can select entirely equipped ready-to-work spraypacks (see airspray manual gun GM 1030P).
Additionally find an enhanced portfolio of accessories, such as mounting equipment, suction systems, material filters or material hoses.

Zip 52 Finishing

Low-pressure diaphragm pump

Double diaphragm pump for airspray applications. Including material pressure regulator with integrated filter and suction hose/frame. Material pressure up to 8 bar. Suitable for one or several guns.

Technical data	
Multiplication ratio	1:1
Material pressure	8 bar
Volumetric flow per double stroke	108 cm^3/DS
Volumetric flow per free flow	52 l/min
Material inlet	G 1/2" - F
Material outlet	G 1/4" - M
Air inlet pressure range	1.5 bar - 8 bar
Compressed air connection	M - G 1/4"
Sound level at 6 bar air pressure	73 dB(A)
Material temperature range	4 °C - 90 °C
Ambient temperature range	4 °C - 40 °C
Material pH range	3.5 pH - 9 pH
Weight	11.1 kg

Product variants	Item no.
DDP Zip52 Alu finish Basic	U760.00
DDP Zip52 Inox finish basic	U765.00

Processable materials

Water and solvent-based material
Pre-mixed 2K material
Base material & catalysts
Metallic paints
UV material
Abrasive material
Shear sensitive material
Separating agents

Material-wetted parts

Aluminum
PE
Stainless steel

Scope of delivery

Pump
Regulators for atomizing air, material pressure and pump supply included.
Combined filter and pressure regulator for material (FFC)
Flexible suction hose
Without mounting equipment (e.g. trolley or wall mount)

Order information

Using the variant configurator of the manual airspray gun GM 1030P, you can select entirely equipped ready-to-work spraypacks (see airspray manual gun GM 1030P).
Additionally find an enhanced portfolio of accessories, such as mounting equipment, suction systems, material filters or material hoses.

Zip Eco Perfect Flow

Low-pressure diaphragm pump

Double diaphragm pump for airspray applications. Cost-effective entry level model without material pressure regulator. Nevertheless it offers low-pulsation thanks to large material filter. For pressures up to 8 bar and one gun.

Technical data	
Multiplication ratio	1:1
Material pressure	8 bar
Volumetric flow per double stroke	62 cm^3/DS
Volumetric flow per free flow	28 l/min
Material inlet	G 1/2" - F
Material outlet	G 1/4" - M
Air inlet pressure range	1 bar - 8 bar
Compressed air connection	M - G 1/4"
Sound level at 6 bar air pressure	73 dB(A)
Material temperature range	4 °C - 90 °C
Ambient temperature range	4 °C - 40 °C
Weight	7.9 kg

Product variants	Item no.
DDP Zip52 ECO PF AL SP	U731.00

Processable materials

Water and solvent-based material
Metallic paints
Pre-mixed 2K material
Base material & catalysts
UV material
Abrasive material
Shear sensitive material
Abrasive material
Separating agents

Material-wetted parts

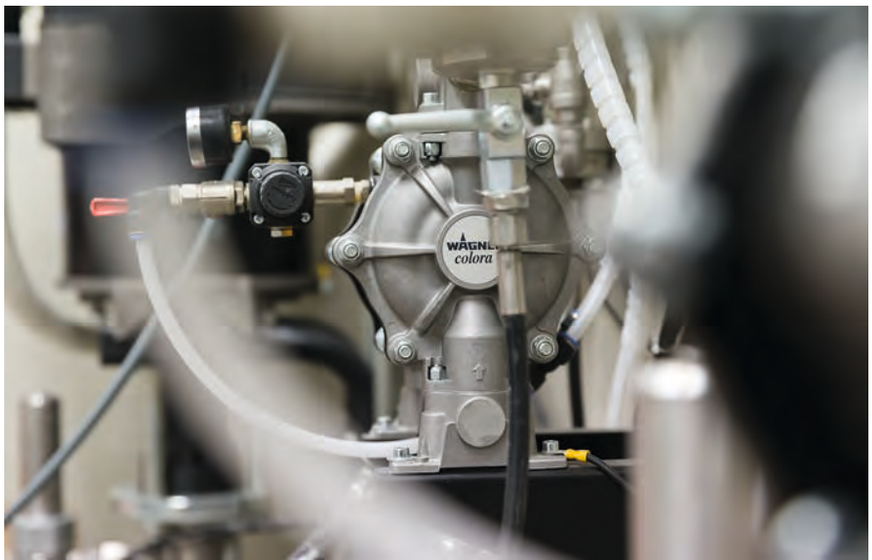
Aluminum
PE
Stainless steel

Scope of delivery

Pump
Regulators for atomization air and pump supply included
Material filter with pulsation damper
Flexible suction hose
Frame

Order information

Select material hose package and airspray gun to complete the spraypack.



Accessories finishing diaphragm pumps

WAGNER offers you an extensive range of accessories for finishing diaphragm pumps.
Select your required components from the table.

	TOPFINISH DD10	Zip 52 Finishing	Zip Eco PF	
Mounting				
Trolley 6“	●			2325916
Stand large DD10	●			2368206
Wall mounting 6“	●			2332145
Mounting plate	●			2405531
Wheel/handle set for T760.00S		●	●	T760.00R
Wall mounting Zip52		●	●	T760.00M
Trolley Zip/EvoMotion		●	●	T760.00SR
Stand ZIP/EvoMotion		●	●	T760.00S
Suction system				
Hopper set 5L for ZIP	●	●	●	2328487
Hopper set 2L	●			2368788
Suction hose	●			2324110
Fitting DF-MM-R1/2“-M36x2-SSt	●			2329560
DD10 drum cover 30L cpl.	●			2368238
Material pressure regulator				
Filter pressure regulator FFC	●			2368735
Pump outlet, material filter & return				
DD10 filter incl. elbow 90°	●			2368427
DD10 circulation cpl.	●			2368428
DD10 filter with circulation	●			2368434
Filter inserts				
FFC filter insert 60 mesh black		●		T500.00
FFC filter insert 100 mesh white		●	●	T500.00A
FFC filter insert 150 mesh red		●	●	T500.00B
Hose packages airspray				
LP double hose DN6-G1/4“-7.5m-PE-SSt		●	●	S419.00GPI
LP double hose DN6-G1/4“-7.5m-PE-SSt		●		S419.00GI
Other accessories				
DD10 2 - gun distributor	●			2368439

High-pressure finishing pumps

With the IceBreaker finishing piston pumps, WAGNER covers the entire spectrum of industrial applications. Whether window manufacturer or automated multiple gun application in the furniture industry, low viscosity glaze or highly viscous high-solid lacquers: The product range fulfills all possible requirements. The pumps are energy-efficient and durable. The air motors work without icing and always produce optimal spraying results thanks to their low pulsation.

EvoMotion 20-30S

EvoMotion 40-15S

WildCat 18-40

Puma 28-40

Puma 21-110

Processable material						
Water-based material	●	●	●	●	●	
Solvent-based material	●	●	●	●	●	
Low viscosity (<40 sec. DIN No. 4)	●	●	●	●	●	
Medium viscosity (40...60 sec. DIN No. 4)	●	●	●	●	●	
High viscosity (>60 sec. DIN No. 4)						
UV-sensitive material					◐	
Shear-sensitive material			◐	◐	◐	
Moisture-sensitive material			◐	◐	◐	
Application						
Airspray						
AirCoat 160 bar max.	●	●	●	●	●	
AirCoat 250 bar max.		●				
Airless 270 bar max.		●		●		
Airless 400 bar max.						
Airless 530 bar max.						
Fluid delivery						
Max. no. of guns						
1 spray gun, nozzle 0,017"	●	●	●	●	●	
2 spray guns, nozzle 0,017"			●	●	●	
3 spray guns, nozzle 0,017"					●	
4 spray guns, nozzle 0,017"					●	
1 spray gun, nozzle 0,021"					●	
2 spray guns, nozzle 0,021"					●	
3 spray guns, nozzle 0,021"					●	
4 spray guns, nozzle 0,021"						

Cobra
40-10

Leopard
35-70

Cobra
40-25

Leopard
35-150

PROTEC
60-240

	●	●	●	●	●
	●	●	●	●	●
	●	●	●	●	●
	●	●	●	●	●
		◐		◐	●
	●	◐	●	◐	◐
	●	◐	●	◐	◐
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	●	●	●	●	●
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	●	●	●	●	●
	●	●	●	●	●
	●	●	●	●	●
			●	●	●
			●	●	●
					●

● Suitable
◑ Suitable to a limited extent

EvoMotion 20-30S

High-pressure piston pump

High-pressure piston pump, stainless steel, for airless and AirCoat applications up to 160 bar and 1.8 l/min. Ideal e.g. for professional lacquer stations in single-item production and for workshops.

Technical data	
Multiplication ratio	20:1
Material pressure	160 bar
Volumetric flow per double stroke	30 cm^3/DS
Max. stroke rate	60 DS/min
Flow rate per 60 DS	1.8 l/min
Material inlet	M36x2 - M
Material outlet	NPS 1/4'' - M
Air inlet pressure range	2.5 bar - 8 bar
Compressed air connection	8 mm
Sound level at 6 bar air pressure	74 dB(A)
Material temperature range	5 °C - 80 °C
Ambient temperature range	5 °C - 50 °C
Material pH range	3.5 pH - 9 pH
Material pressure at pump inlet	10 bar
Max. allowed inclination	10 °
Weight	11 kg

Product variants	Item no.
EvoMotion 20-30 PE/T	2329452
Spray pack configuration Finishing VC	2333720

Processable materials

Water and solvent-based material

Pre-mixed 2K material

Material-wetted parts

Stainless steel

PE

PTFE

Hard chrome

Scope of delivery

Pump with air regulator and hose connection fitting

Designed for installation on wall mount, frame or trolley.

Separating agent 250 cm^3

Grounding cable

Order information

Individually customized spraypacks consisting of pump, mounting equipment, suction system, material filter, circulation, hose package and spray gun can be selected by help of the variant configurator.

A range of ready-to-use spraypacks is also available.

EvoMotion 40-15S

High-pressure piston pump

High-pressure piston pump, stainless steel, for airless and AirCoat applications of up to 320 bar and 0.9 l/min. The directly mounted hopper enables a reliable intake, even with more viscous material.

Technical data	
Multiplication ratio	40:1
Material pressure	320 bar
Volumetric flow per double stroke	15 cm^3/DS
Max. stroke rate	60 DS/min
Flow rate per 60 DS	0.9 l/min
Material inlet	M36x2 - M
Material outlet	NPS 1/4'' - M
Air inlet pressure range	2.5 bar - 8 bar
Compressed air connection	8 mm
Sound level at 6 bar air pressure	74 dB(A)
Material temperature range	5 °C - 80 °C
Ambient temperature range	5 °C - 60 °C
Material pH range	3.5 pH - 9 pH
Material pressure at pump inlet	10 bar
Max. allowed inclination	10 °
Weight	9 kg

Product variants	Item no.
EvoMotion 40-15S PE/T	2329450
Spray pack configuration Finishing VC	2333720

Processable materials

Water and solvent-based material

Pre-mixed 2K material

Material-wetted parts

Stainless steel

PE

PTFE

Hard chrome

Scope of delivery

Pump with air regulator and hose connection fitting

Designed for installation on wall mount, frame or trolley.

Separating agent 250 cm^3

Grounding cable

Order information

Individually customized spraypacks consisting of pump, mounting equipment, suction system, material filter, circulation, hose package and spray gun can be selected by help of the variant configurator.

A range of ready-to-use spraypacks is also available.

Wildcat 18-40

High-pressure piston pump

High-pressure piston pump, stainless steel, for AirCoat applications of up to 140 bar and 2.4 l/min. Ideal e.g. for professional single-item lacquer stations in production and in the workshop.

Technical data	
Multiplication ratio	18:1
Material pressure	144 bar
Volumetric flow per double stroke	40 cm^3/DS
Max. stroke rate	60 DS/min
Flow rate per 60 DS	2.4 l/min
Material inlet	M36x2 - M
Material outlet	M24x1,5 - M
Air inlet pressure range	2.5 bar - 8 bar
Compressed air connection	F - G 1/2"
Sound level at 6 bar air pressure	74 dB(A)
Material temperature range	5 °C - 80 °C
Ambient temperature range	5 °C - 50 °C
Material pH range	3.5 pH - 9 pH
Material pressure at pump inlet	10 bar
Max. allowed inclination	10 °
Weight	15 kg

Product variants	Item no.
PistonP. Wildcat 18-40 PE/T	2329458
PistonP. Wildcat 18-40 PE/TG	2329456
Spray pack configuration Finishing VC	2333720

Processable materials

Water and solvent-based material
Pre-mixed 2K material
Base material & catalysts
Hygroscopic material

Material-wetted parts

Stainless steel
Hard chrome
Tungsten carbide
PE
PTFE

Scope of delivery

Pump incl. air pressure regulator
Separating agent 250 cm^3
Grounding cable

Order information

Individually customized spraypacks consisting of pump, mounting equipment, suction system, material filter, circulation, hose package and spray gun can be selected by help of the variant configurator.
A range of ready-to-use spraypacks is also available.

Puma 28-40

High-pressure piston pump

High-pressure piston pump, stainless steel, for airless and AirCoat applications of up to 220 bar and 2.4 l/min. Ideal e.g. for professional individual lacquer stations or as hardener pump.

Technical data	
Multiplication ratio	28:1
Material pressure	224 bar
Volumetric flow per double stroke	40 cm^3/DS
Max. stroke rate	60 DS/min
Flow rate per 60 DS	2.4 l/min
Material inlet	M36x2 - M
Material outlet	M24x1,5 - M
Air inlet pressure range	2.5 bar - 8 bar
Compressed air connection	F - G 1/2"
Sound level at 6 bar air pressure	74 dB(A)
Material temperature range	5 °C - 80 °C
Ambient temperature range	5 °C - 50 °C
Material pH range	3.5 pH - 9 pH
Max. allowed inclination	10 °
Weight	16 kg

Product variants	Item no.
PistonP. Puma 28-40 NPS	2329469
PistonP. Puma 28-40 PE/TG	2329467
Spray pack configuration Finishing VC	2333720

Processable materials

Water and solvent-based material
Hygroscopic material
Pre-mixed 2K material
Base material & catalysts

Material-wetted parts

Stainless steel
Hard chrome
Tungsten carbide
PTFE

Scope of delivery

Pump incl. air pressure regulator
Separating agent 250 cm^3
Grounding cable

Order information

Individually customized spraypacks consisting of pump, mounting equipment, suction system, material filter, circulation, hose package and spray gun can be selected by help of the variant configurator.
A range of ready-to-use spraypacks is also available.

Puma 21-110

High-pressure piston pump

High-pressure piston pump, stainless steel, for AirCoat applications of up to 168 bar and 6.6 l/min. Ideal e.g. for multiple guns in flatbed machines.

Technical data	
Multiplication ratio	21:1
Material pressure	168 bar
Volumetric flow per double stroke	110 cm^3/DS
Max. stroke rate	60 DS/min
Flow rate per 60 DS	6.6 l/min
Material inlet	M36x2 - M
Material outlet	M24x1,5 - M
Air inlet pressure range	2.5 bar - 8 bar
Compressed air connection	F - G 1/2"
Sound level at 6 bar air pressure	74 dB(A)
Material temperature range	5 °C - 80 °C
Ambient temperature range	5 °C - 50 °C
Material pH range	3.5 pH - 9 pH
Max. allowed inclination	10 °
Weight	28 kg

Product variants	Item no.
PistenP. Puma 21-110 PE/T	2330614
PistenP. Puma 21-110 PE/TG	2329517
Spray pack configuration Finishing VC	2333720

Processable materials

Water and solvent-based material
Hygroscopic material
Pre-mixed 2K material
Base material & catalysts

Material-wetted parts

Stainless steel
Hard chrome
Tungsten carbide
PTFE
PE

Scope of delivery

Pump incl. air pressure regulator
Separating agent 250 cm^3
Grounding cable

Order information

Individually customized spraypacks consisting of pump, mounting equipment, suction system, material filter, circulation, hose package and spray gun can be selected by help of the variant configurator.

Cobra 40-10

High-pressure diaphragm pump

High-pressure, double diaphragm pump, Consistal. For AirCoat and airless applications of up to 2.5 l/min and 250 bar. Ideal for individual lacquer stations up to complex multi-paint systems.

Technical data	
Multiplication ratio	40:1
Material pressure	250 bar
Volumetric flow per double stroke	10 cm^3/DS
Max. stroke rate	200 DS/min
Flow rate per 200 DS	2 l/min
Material inlet	M36x2 - M
Material outlet	G 3/8" - M
Air inlet pressure range	2.5 bar - 6 bar
Compressed air connection	F - G 1/2"
Material temperature range	10 °C - 80 °C
Ambient temperature range	10 °C - 60 °C
Material pH range	9 pH - 3.5 pH
Material pressure at pump inlet	20 bar
Max. allowed inclination	10 °
Weight	19 kg

Product variants	Item no.
DiaphragmP. Cobra 40-10	2329519
DiaphragmP.Cobra 40-10 frame	2329521

Processable materials

Water and solvent-based material
Hygroscopic material
Base material & catalysts
Pre-mixed 2K material
Shear sensitive material
Abrasive material

Material-wetted parts

Consistal (nickel plated)
Stainless steel
Tungsten carbide

Scope of delivery

Pump incl. air pressure regulator
Grounding cable

Order information

The desired spraypack can be created using the basic pump and a selection from our comprehensive accessories range. A range of ready-to-use spraypacks is also available.

Leopard 35-70

High-pressure piston pump

High-pressure piston pump, stainless steel, for airless and AirCoat applications of up to 250 bar and 4 l/min. Ideal for e.g. industrial coatings in the wood and metal industry.

Technical data	
Multiplication ratio	35:1
Material pressure	250 bar
Volumetric flow per double stroke	70 cm^3/DS
Max. stroke rate	60 DS/min
Flow rate per 60 DS	4.2 l/min
Material inlet	M36x2 - M
Material outlet	M24x1,5 - M
Air inlet pressure range	2.5 bar - 7.1 bar
Compressed air connection	F - G 1/2"
Sound level at 6 bar air pressure	74 dB(A)
Material temperature range	5 °C - 80 °C
Ambient temperature range	5 °C - 50 °C
Material pH range	3.5 pH - 9 pH
Max. allowed inclination	10 °
Weight	26 kg

Product variants	Item no.
PistonP. Leopard 35-70 NPS	2329481
PistonP. Leoard 35-70 PE/TG	2329479
Spray pack configuration Finishing VC	2333720

Processable materials

Water and solvent-based material
Pre-mixed 2K material
Base material & catalysts
Hygroscopic material

Material-wetted parts

Stainless steel
Hard chrome
Tungsten carbide
PTFE
PE

Scope of delivery

Pump incl. air pressure regulator
Separating agent 250 cm^3
Grounding cable

Order information

Individually customized spraypacks consisting of pump, mounting equipment, suction system, material filter, circulation, hose package and spray gun can be selected by help of the variant configurator.
A range of ready-to-use spraypacks is also available.

Cobra 40-25

High-pressure diaphragm pump

High-pressure piston diaphragm pump. Universally applicable for aggressive, abrasive, and shear-sensitive materials. Very low flushing agent consumption. For all applications up to 250 bar and 5 l/min, multiple gun use possible.

Technical data	
Multiplication ratio	40:1
Material pressure	250 bar
Volumetric flow per double stroke	25 cm^3/DS
Max. stroke rate	200 DS/min
Flow rate per 200 DS	5 l/min
Material inlet	M36x2 - M
Material outlet	G 3/8" - M
Air inlet pressure range	2.5 bar - 6.25 bar
Compressed air connection	F - G 1/2"
Material temperature range	10 °C - 80 °C
Ambient temperature range	10 °C - 60 °C
Material pH range	3.5 pH - 9 pH
Max. allowed inclination	10 °
Weight	32 kg

Product variants	Item no.
DiaphragmP. Cobra 40-25	2329523

Processable materials

Water and solvent-based material
Hygroscopic material
Pre-mixed 2K material
Base material & catalysts
Shear sensitive material
Abrasive material

Material-wetted parts

Consistal (nickel plated)
Stainless steel
Tungsten carbide
PA

Scope of delivery

Pump incl. air pressure regulator
Grounding cable

Order information

The desired spraypack can be created using the basic pump and a selection from our comprehensive accessories range.

Leopard 35-150

High-pressure piston pump

High-pressure piston pump, stainless steel, for airless and AirCoat applications of up 250 bar and 9 l/min. Ideal e.g. for industrial coatings in the wood and metal industry, multiple gun use possible.

Technical data	
Multiplication ratio	35:1
Material pressure	250 bar
Volumetric flow per double stroke	150 cm^3/DS
Max. stroke rate	60 DS/min
Flow rate per 60 DS	9 l/min
Material inlet	M36x2 - M
Material outlet	M24x1,5 - M
Air inlet pressure range	2.5 bar - 7.7 bar
Compressed air connection	F - G 1/2"
Sound level at 6 bar air pressure	78 dB(A)
Material temperature range	5 °C - 80 °C
Ambient temperature range	5 °C - 50 °C
Material pH range	3.5 pH - 9 pH
Max. allowed inclination	10 °
Weight	36 kg

Product variants	Item no.
PistonP. Leopard 35-150 PE/T	2329486
PistonP. Leopard 35-150 PE/TG	2329484
Spray pack configuration Finishing VC	2333720

Processable materials

Water and solvent-based material
Hygroscopic material
Pre-mixed 2K material
Base material & catalysts
Abrasive material

Material-wetted parts

Stainless steel
Hard chrome
Tungsten carbide
PTFE
PE

Scope of delivery

Pump incl. air pressure regulator
Separating agent 250 cm^3
Grounding cable

Order information

Individually customized spraypacks consisting of pump, mounting equipment, suction system, material filter, circulation, hose package and spray gun can be selected by help of the variant configurator.

PROTEC 60-240

High-pressure piston pump

High pressure piston pump, stainless steel for AirCoat applications up to 270 bar and 14.4 L / min. Extremely robust and ideal for multi-gun use, higher viscosity material and long hose lines.

Technical data	
Multiplication ratio	60:1
Material pressure	270 bar
Volumetric flow per double stroke	240 cm^3/DS
Max. stroke rate	60 DS/min
Material inlet	G 1 1/2" - F
Material outlet	M24x1,5 - M
Air inlet pressure range	2.5 bar - 4.5 bar
Sound level at 6 bar air pressure	81 dB(A)
Material temperature range	5 °C - 80 °C
Ambient temperature range	5 °C - 50 °C
Material pH range	3.5 pH - 9 pH
Max. allowed inclination	10 °
Weight	58 kg

Product variants	Item no.
PistonP. PROTEC 60-240 PE/TG 270bar	2411834
PistonP. PROTEC 60-240 PE/TG TC 270bar	2411835

Processable materials

Water and solvent-based material
Hygroscopic material
Pre-mixed 2K material
Base material & catalysts
Abrasive material

Material-wetted parts

Stainless steel
Hard chrome
Tungsten carbide
PTFE
PE

Scope of delivery

Pump incl. air pressure regulator
Separating agent 250 cm^3
Grounding cable

Order information

Individually customized spraypacks consisting of pump, mounting equipment, suction system, material filter, circulation, hose package and spray gun can be selected by help of the variant configurator.

Accessories finishing piston pumps

WAGNER offers you an extensive range of accessories for finishing piston pumps.
Select your required components from the table.

	EvoMotion 40-15S	EvoMotion 40-15 compact	EvoMotion 20-30S	EvoMotion 20-30 compact	Wildcat 18-40	Wildcat 10-70	Puma 28-40	Puma 21-110	Leopard 35-70	Leopard 35-150	PROTEC 60-240 (270 bar)	
Mounting												
Trolley 4“ cpl.	●	●	●	●	●	●	●	●				2325901
Wall mounting 4“ cpl.	●	●	●	●	●	●	●	●				2332143
Stand 4“ cpl.	●	●	●	●	●		●					2332374
Trolley 6“ cpl.									●	●		2325916
Wall mounting 6“ cpl.									●	●		2332145
Wall mounting 9“ cpl.											●	369020
Trolley PC											●	2339705
Air supply												
Set AirCoat regulator EvoMotion	●	●	●	●								T6145.00A
Set AirCoat regulator IceBreaker					●	●	●	●	●	●	●	2328611
Suction system												
Suction hose DN16-SSt cpl.	●		●		●	●	●	●	●			2324110
Suction pipe DN16-SST cpl.	●		●		●			●				2324158
Hopper set 5L for piston pumps	●		●		●	●	●		●			2332169
Hopper black		●		●								340265
Suction hose DN25-SSt cpl.					●	●	●	●	●	●	●	2324116
Suction hose DN25-SSt cpl.					●	●	●	●	●	●	●	2323239
Pump outlet & material filter												
Ball valve-R1/4“-G1/4“-PN350-CS EM	●	●	●	●								2334472
Ball valve-R1/4“-G1/4“-PN530-SSt	●	●	●	●								2334488
Release combination PN270 IceBreaker					●	●	●	●	●			2329023
Inline filter DN6-PN270-G1/4“-SSt					●	●	●	●	●			2324558
Inline filter HL DN6-PN530-G1/4“-SSt					●	●	●	●	●			2329026
HP filter DN10-PN270-SSt IceBreaker					●	●	●	●	●	●	●	2329024
HP filter DN12-PN530-SSt IceBreaker					●	●	●	●	●	●	●	2329025
Return												
Return hose DN6-G1/4“-100 mm-PA	●	●	●	●	●	●	●	●	●	●	●	2331752
Return hose DN6-G1/4“-PA	●	●	●	●	●	●	●	●	●	●	●	2349653
Circulation hose DN6-G1/4“-1.8-PA	●	●	●	●	●	●	●	●	●	●	●	2331017
Circulation hose DN6-G1/4“-2.8-PA	●	●	●	●	●	●	●	●	●	●	●	2331014

	EvoMotion 40-15S	EvoMotion 40-15 compact	EvoMotion 20-30S	EvoMotion 20-30 compact	Wildcat 18-40	Wildcat 10-70	Puma 28-40	Puma 21-110	Leopard 35-70	Leopard 35-150	PROTEC 60-240 (270 bar)	
Hose packages AirCoat												
AC-hose-DN3-PN270-1/4"NPS-3.0m-PA-T	●	●	●	●	●	●	●	●	●			2322656
AC-hose-DN3-PN270-1/4"NPS-7.5m-PA-T	●	●	●	●	●	●	●	●	●			2309705
AC-hose-DN3-PN270-1/4"NPS-10.0m-PA-T	●	●	●	●	●	●	●	●	●			9984596
AC-hose-DN4-PN270-1/4"NPS-7.5m-PA-T	●	●	●	●	●	●	●	●	●	●	●	2309706
AC-hose-DN4-PN270-1/4"NPS-10.0m-PA-T	●	●	●	●	●	●	●	●	●	●	●	2312801
AC-hose-DN4-PN270-1/4"NPS-15.0m-PA-T						●	●	●	●	●	●	2309634
AC-hose-DN4-PN270-1/4"NPS-20.0m-PA-T						●	●	●	●	●	●	2309635
Material hose Airless												
HP-hose-DN3-PN270-¼"NPS-7.5m-PA	●	●					●		●	●		9984583
HP-hose-DN4-PN270-¼"NPS-7.5m-PA	●	●					●		●			9984573
HP-hose-DN4-PN270-¼"NPS-10.0m-PA	●	●					●		●	●		2302374
HP-hose-DN3-PN270-1/4"NPSM-3.0m-PA	●	●					●		●			2323142
HP-hose-DN6-PN270-¼"NPS-10.0m-PA									●	●	●	9984418
HP-hose-DN10-PN250-3/8"NPSM-15m-PA										●	●	2336583

Accessories high-pressure diaphragm pumps

WAGNER offers you an extensive range of accessories for high-pressure diaphragm pumps.
Select your required components from the table.

	Cobra 40-10	Cobra 40-25	
Mounting			
Stand Cobra 40-10	●		322052
Wall mounting 4“ cpl.	●	●	2332143
Trolley Cobra cpl.	●	●	2341375
Stand Cobra 40-25		●	2308732
Air supply			
Set AirCoat regulator IceBreaker	●	●	2328611
Suction system			
Suction hose DN16-SSt cpl.	●	●	2324110
Suction hose DN25-SSt cpl.	●	●	2324116
20L hopper	●	●	2341278
2L hopper Cobra cpl.	●		2344741
Hopper set 5L Cobra	●	●	2344505
Pump outlet & material filter			
Inline filter DN6-PN270-G1/4“-SSt	●		2324558
Hose packages AirCoat			
AC-hose-DN4-PN270-1/4“NPS-7.5m-PA-T		●	2309706
AC-hose-DN4-PN270-1/4“NPS-20.0m-PA-T		●	2309635
AC-hose-DN4-PN270-1/4“NPS-15.0m-PA-T		●	2309634
AC-hose-DN4-PN270-1/4“NPS-10.0m-PA-T		●	2312801
AC-hose-DN3-PN270-1/4“NPS-10.0m-PA-T		●	9984596
AC-hose-DN3-PN270-1/4“NPS-7.5m-PA-T		●	2309705
Material hose airless			
HP-hose-DN4-PN270-¼“NPS-7.5m-PA		●	9984573
HP-hose-DN4-PN270-1/4“NPS-10.0m-PA		●	9984573-10
HP-hose-DN4-PN270-¼“NPS-15.0m-PA		●	9984573-15
HP-hose-DN4-PN270-¼“NPS-20.0m-PA		●	9984573-20
HP-hose-DN6-PN270-¼“NPS-10.0m-PA		●	9984418
HP-hose-DN3-PN270-¼“NPS-7.5m-PA		●	9984583

Protective Coating piston pumps

With our large WAGNER IceBreaker piston pumps you are perfectly equipped for coatings with heavy corrosion protection. Whether in the production hall or offshore, these pumps fulfill all specific requirements such as robustness, reliability, a long service life and most importantly, an optimal spray pattern.

Leopard
48-110

PROTEC
95-150

PROTEC
72-200

PROTEC
60-240

Processable material				
Water-based material	●	●	●	●
Solvent-based material	●	●	●	●
Low viscosity (<40 sec. DIN No. 4)	●	●	●	●
Medium viscosity (40...60 sec. DIN No. 4)	●	●	●	●
High viscosity (>60 sec. DIN No. 4)	●	●	●	●
UV-sensitive material			◐	◐
Shear-sensitive material			◐	◐
Moisture-sensitive material	◐	◐	◐	◐

Application				
Airspray				
AirCoat 160 bar max.				
AirCoat 250 bar max.				
Airless 270 bar max.				
Airless 400 bar max.	●			
Airless 530 bar max.		●	●	●
Fluid delivery				

Max. no. of guns				
1 spray gun, nozzle 0,017“	●	●	●	●
2 spray guns, nozzle 0,017“	●	●	●	●
3 spray guns, nozzle 0,017“		●	●	●
4 spray guns, nozzle 0,017“			●	●
1 spray gun, nozzle 0,021“	●	●	●	●
2 spray guns, nozzle 0,021“	●	●	●	●
3 spray guns, nozzle 0,021“		●	●	●
4 spray guns, nozzle 0,021“				

● Suitable
◑ Suitable to a limited extent

Leopard 48-110

High-pressure piston pump

High-pressure piston pump, stainless steel, for airless applications of up to 370 bar and 6.6 l/min. Ideal e.g. for industrial coatings in the metal industry, smaller Protective Coating applications and long hose lines.

Technical data	
Multiplication ratio	48:1
Material pressure	370 bar
Volumetric flow per double stroke	110 cm^3/DS
Max. stroke rate	60 DS/min
	6.6 l/min
Material inlet	M36x2 - M
Material outlet	M24x1,5 - M
Air inlet pressure range	2.5 bar - 8 bar
Compressed air connection	F - G 1/2"
Sound level at 6 bar air pressure	74 dB(A)
Material temperature range	5 °C - 80 °C
Ambient temperature range	5 °C - 50 °C
Material pH range	3.5 pH - 9 pH
Max. allowed inclination	10 °
Weight	36 kg

Product variants	Item no.
PistonP. Leopard 48-110 PE/L	2329495
PistonP. Leopard 48-110 PE/T	2329493
PistonP. Leopard 48-110 PE/TG	2329490

Processable materials

Water and solvent-based material
Hygroscopic material
Pre-mixed 2K material
Base material & catalysts
Abrasive material

Material-wetted parts

Stainless steel
Hard chrome
PE
Tungsten carbide
PTFE

Scope of delivery

Pump incl. air pressure regulator
Separating agent 250 cm^3
Grounding cable

Order information

In addition to the basis pump, spraypacks with trolley and high-pressure filter/release are available as well as ready-to-spray spraypacks with suction hose, material hose and gun, including a separate air filter.

PROTEC 95-150

High-pressure piston pump

High-pressure piston pump, stainless steel, for airless applications of up to 530 bar and 9 l/min. Very robust and ideal for heavy corrosion protection.

Technical data	
Multiplication ratio	95:1
Material pressure	530 bar
Volumetric flow per double stroke	150 cm^3/DS
Max. stroke rate	60 DS/min
Flow rate per 60 DS	9 l/min
Material inlet	G 1 1/2" - F
Material outlet	M24x1,5 - M
Air inlet pressure range	2 bar - 5.6 bar
Compressed air connection	F - G 1"
Sound level at 6 bar air pressure	81 dB(A)
Material temperature range	5 °C - 80 °C
Ambient temperature range	5 °C - 50 °C
Material pH range	9 pH - 3.5 pH
Max. allowed inclination	10 °
Weight	58 kg

Product variants	Item no.
PistonP. PROTEC 95-150 PE/TG	2409470

Processable materials

Water and solvent-based material
Hygroscopic material
Pre-mixed 2K material
Base material & catalysts
Abrasive material

Material-wetted parts

Stainless steel
Hard chrome
Tungsten carbide
PTFE
PE

Scope of delivery

Pump incl. air pressure regulator
Separating agent 250 cm^3
Grounding cable

Order information

In addition to the basis pump, spraypacks with trolley and high-pressure filter/release are available as well as ready-to-spray spraypacks with suction hose, material hose and gun, including a separate air filter.

PROTEC 72-200

High-pressure piston pump

Technical data	
Multiplication ratio	72:1
Material pressure	530 bar
Volumetric flow per double stroke	200 cm^3/DS
Max. stroke rate	60 DS/min
Flow rate per 60 DS	12 l/min
Material inlet	G 1 1/2" - F
Material outlet	M24x1,5 - M
Air inlet pressure range	2.5 bar - 8 bar
Compressed air connection	F - G 1"
Sound level at 6 bar air pressure	81 dB(A)
Material temperature range	5 °C - 80 °C
Ambient temperature range	5 °C - 50 °C
Material pH range	3.5 pH - 9 pH
Material pressure at pump inlet	20 bar
Max. allowed inclination	10 °
Weight	58 kg

Product variants	Item no.
PistonP. PROTEC 72-200 PE/T TC	2409801
PistonP. PROTEC 72-200 PE/TG	2409774
PistonP. PROTEC 72-200 PE/TG TC	2409802

Material-wetted parts

Stainless steel
Hard chrome
Tungsten carbide
PTFE
PE

Scope of delivery

Pump incl. air pressure regulator
Separating agent 250 cm^3
Grounding cable

Order information

In addition to the basis pump, spraypacks with trolley and high-pressure filter/release are available as well as ready-to-spray spraypacks with suction hose, material hose and gun, including a separate air filter.

PROTEC 60-240

High-pressure piston pump

High-pressure piston pump, stainless steel, for airless applications of up to 480 bar and 14.4 l/min. Very robust and ideal for heavy corrosion protection.

Technical data	
Multiplication ratio	60:1
Material pressure	480 bar
Volumetric flow per double stroke	240 cm^3/DS
Max. stroke rate	60 DS/min
Material inlet	G 1 1/2" - F
Material outlet	M24x1,5 - M
Air inlet pressure range	2.5 bar - 8 bar
Sound level at 6 bar air pressure	81 dB(A)
Material temperature range	5 °C - 80 °C
Ambient temperature range	5 °C - 50 °C
Material pH range	3.5 pH - 9 pH
Max. allowed inclination	10 °
Weight	58 kg

Product variants	Item no.
PistonP. PROTEC 60-240 PE/TG	2351205
Spray pack configuration Finishing VC	2333720

Material-wetted parts

Stainless steel
Hard chrome
Tungsten carbide
Packing material depending on pump type
PTFE

Scope of delivery

Operating manual
CE declaration of conformity
Pump incl. air pressure regulator
Separating agent 250 cm^3

Order information

In addition to the basis pump, spraypacks with trolley and high-pressure filter/release are available as well as ready-to-spray spraypacks with suction hose, material hose and gun, including a separate air filter.

Accessories Protective Coating piston pumps

WAGNER offers you an extensive range of accessories for Protective Coating piston pumps.
Select your required components from the table.

	Leopard 48-110	PROTEC 95-150	PROTEC 72-200	PROTEC 60-240	
Mounting					
Wall mounting 6“ cpl.	●				2332145
Trolley 6“ cpl.	●				2325916
Trolley PC	●	●	●	●	2339705
Wall mounting 9“ cpl.		●	●	●	369020
Air supply					
Air filter set PC		●	●	●	2339851
Suction system					
Suction hose DN25-SSt cpl.	●				2323239
Suction hose DN25-SSt cpl.	●				2324116
Suction fitting G11/2“ for M36 suction systems		●	●	●	2329563
Suction hose G1½“-270-SSt. cpl.	●	●	●	●	370151
Suction hose G1½“-475-SSt. cpl.		●	●	●	369151
Suction hose DN38-PC cpl.		●	●	●	2325815
Fitting DF-MM-R1½“-M36-PN15-SSt*		●	●	●	2329563
Pump outlet & material filter					
HP filter DN12-PN530-SSt IceBreaker	●	●	●	●	2329025
HP filter DN12-PN530-CS cpl.	●	●	●	●	2339900
Release combination PC	●	●	●	●	2347275
Return					
Return hose DN6-G1/4“-100mm-PA	●	●	●	●	2331752
Return hose DN6-G1/4“-PA	●	●	●	●	2329046
Circulation hose DN6-G1/4“-1.8-PA	●	●	●	●	2331017
Circulation hose DN6-G1/4“-2.8-PA	●	●	●	●	2331014
Material hose Airless					
HP-hose-DN10-PN530-3/8“NPS-15.0m-PA	●	●	●	●	9987118
HP-hose-DN6-PN530-¼“NPS-10.0m-PA	●	●	●	●	9984421
Fitting-DF-MM-1/4NPSM-3/8NPSM-530bar-SSt	●	●	●	●	367561
HP-hose-DN6-PN530-¼“NPS-1.5m-PA	●	●	●	●	9987117
Heater					
Heater set PC	●	●	●	●	2339728

Low-pressure diaphragm pumps

The pneumatic double diaphragm pumps were designed specifically for reduced air consumption coupled with high performance and reliability. They can be used for corrosive, abrasive and highly viscous liquid media. These pumps cover a broad application spectrum, including the feeding of paint supply systems; the feeding and circulation of printing ink, solvents, paints, chemicals and oils; the disposal of liquid waste; the supply of low-viscosity adhesives; and the filling/emptying of tanks, drums and containers.

Unica
4-270

ZIP 52

ZIP 52
Perfect Flow

Max. material pressure			
8 bar, 116 PSI		●	●
27 bar, 392 PSI	●		

Material inlet connection			
1/2" BSP		●	●
3/8" BSP			
3/4" BSP	●		
1" BSP			

Volumetric flow			
At 10 DS/min [l/min.]	2.50	1.00	0.60
At 20 DS/min [l/min.]	5.00	2.00	1.20
At 30 DS/min [l/min.]	7.50	3.00	1.80

Free flow (water at max. air pressure)			
8,1 l/min	●		
10 l/min			
28 l/min			●
52 l/min		●	
80 l/min			
182 l/min			

ZIP 80

PM500

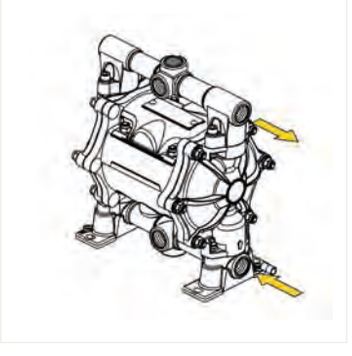
ZIP 182

●	●	●
●		
	●	●
2.20	5.00	7.00
4.40	10.00	14.00
6.60	15.00	21.00
●	●	
		●

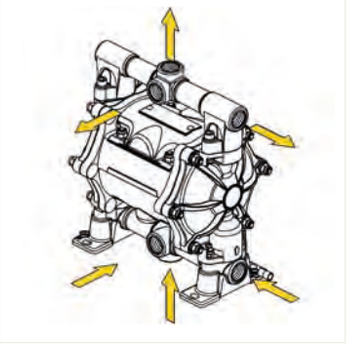
Low-pressure diaphragm pumps

Overview connections

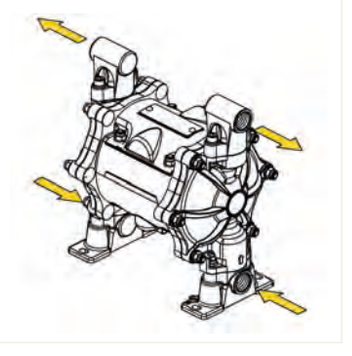
Description	Part No.	Pump body material	Diaphragm material	Valve seat material	Ball material
DDP Zip52 ATSS7	U550.ATSS7	Alu	PTFE	Stainless steel	Stainless steel
DDP Zip52 ATSS8	U550.ATSS8	Alu	PTFE	Stainless steel	Stainless steel
DDP ZIP52 STSS7	U550.STSS7	SSt	PTFE	Stainless steel	Stainless steel
DDP Zip52 PTSS7	U552.PTSS7	Polypropylene	PTFE	Stainless steel	SSt
DDP ZIP52 GHSS1	U552.GHSS1	Acetal (POM)	PTFE	Stainless steel	Stainless steel
DDP ZIP52 GHSS7	U552.GHSS7	Acetal (POM)	PTFE	Stainless steel	Stainless steel
DDP Zip52 PF ATSS7	U551.ATSS7	Alu	PTFE	Stainless steel	Stainless steel
DDP Zip52 PF PHSD7	U553.PHSD7	PP	PE	Stainless steel	Acetal
DDP Zip52 PF PTSS7	U553.PTSS7	PP	PTFE	Stainless steel	SSt
DDP ZIP52 Perfect Flow GTSS1	U553.GTSS1	Acetal (POM)	PTFE	Stainless steel	Stainless steel
DDP Zip80 ATSS7	U555.ATSS7	Alu	PTFE	Stainless steel	SSt
DDP ZIP182 ATSS1	U560.ATSS1	Al	PTFE	SSt	Stainless steel



Connection 1
(last no. of description / part no.)



Connection 7
(last no. of description / part no.)



Connection 8
(last no. of description / part no.)

Unica 4-270

Low-pressure diaphragm pump

Double diaphragm pump 4.5:1 for product transport and circulating systems. For pressures up to 27 bar and 8 l/min.

Technical data	
Multiplication ratio	4,5:1
Material pressure	27 bar
Volumetric flow per double stroke	270 cm^3/DS
Max. stroke rate	30 DS/min
	8.1 l/min
Material inlet	G 3/4" - F
Material outlet	G 3/4" - F
Air inlet pressure range	2 bar - 8 bar
Compressed air connection	F - G 1/2"
Sound level at 6 bar air pressure	78 dB(A)
Material temperature range	5 °C - 80 °C
Ambient temperature range	4 °C - 40 °C
Material pH range	3.5 pH - 9 pH
Max. allowed inclination	10 °
Weight	45 kg

Product variants	Item no.
Unica 4-270	U580.00
Unica MP 4-270	U581.00
Unica 4-270 HRD	U580.00HRD

Processable materials

Water and solvent-based material
Base material & catalysts
Shear sensitive material

Material-wetted parts

Stainless steel
PTFE
POM

Scope of delivery

Pump with air pressure regulator

Order information

Please order air supply, suction system and other accessories separately.

Zip 52

Low-pressure diaphragm pump

Double diaphragm pump for material transport and circulating systems. Up to 8 bar and 52 l/min.

Technical data	
Multiplication ratio	1:1
Material pressure	8 bar
Volumetric flow per double stroke	108 cm^3/DS
Volumetric flow at free flow	52 l/min
Material inlet	G 1/2" - F
Material outlet	G 1/2" - F
Air inlet pressure range	1.5 bar - 8 bar
Compressed air connection	M - G 1/4"
Sound level at 6 bar air pressure	73 dB(A)
Material temperature range	4 °C - 90 °C
Ambient temperature range	4 °C - 40 °C
Weight	3.8 kg

Product variants	Item no.
DDP Zip52 Alu	U550.ATRD7
DDP Zip52 Alu	U550.ATSS7
DDP Zip52 Alu	U550.ATSS8
replaced by U552.GHSS7	U552.GHSS1
DDP ZIP52 GHSS7	U552.GHSS7
DDP Zip52 PF ATSS7	U551.ATSS7
Phasing out-DDP ZIP52 PF GTSS1	U553.GTSS1
DDP Zip52 PF PHSD7	U553.PHSD7
DDP Zip52 PF PTSS7	U553.PTSS7
DDP Zip52 PTSS7	U552.PTSS7
Replace by U550.STSS7-A	U550.STSS7

Processable materials

Water and solvent-based material
Base material & catalysts
Oils
Water and waste water
Coolant lubricants
Adhesives
Abrasive material
Chemical liquids

Material-wetted parts

Depending on the version
Aluminum
PTFE
UHMW-PE
Stainless steel
POM
PPS
PP

Scope of delivery

Without air-supply pressure regulator

Order information

Please order air supply, suction system and other accessories separately.

Zip 80

Low-pressure diaphragm pump

Double diaphragm pump for material transport and circulating systems. Up to 8 bar and 80 l/min.

Technical data	
Multiplication ratio	1:1
Material pressure	8 bar
Volumetric flow per double stroke	225 cm^3/DS
Volumetric flow at free flow	80 l/min
Material inlet	G 3/4" - F
Material outlet	G 3/4" - F
Air inlet pressure range	2.2 bar - 8 bar
Compressed air connection	M - G 1/4"
Sound level at 6 bar air pressure	79 dB(A)
Material temperature range	4 °C - 90 °C
Ambient temperature range	4 °C - 40 °C
Weight	5.4 kg

Product variants	Item no.
DDP Zip80 ATSS7	U555.ATSS7
Phase out-DDP Zip80 Inox vert/vert	U555.STSS4

Processable materials

Water and solvent-based material
Base material & catalysts
Oils
Water and waste water
Coolant lubricants
Adhesives
Abrasive material

Material-wetted parts

Aluminum
PTFE
Stainless steel

Scope of delivery

Without air supply pressure regulator

Order information

Please order air supply, suction system and other accessories separately.

PM 500

Low-pressure diaphragm pump

Double diaphragm pump for material transport/conveying and circulating systems. Ideal for paint supply. Up to 8 bar material pressure.

Technical data	
Multiplication ratio	1:1
Material pressure	8 bar
Volumetric flow per double stroke	500 cm^3/DS
Volumetric flow at free flow	75 l/min
Material inlet	G 1“ - F
Material outlet	G 1“ - F
Air inlet pressure range	2 bar - 8 bar
Compressed air connection	M - G 1/4“
Sound level at 6 bar air pressure	81 dB(A)
Material temperature range	4 °C - 90 °C
Ambient temperature range	4 °C - 60 °C
Weight	13.8 kg

Product variants	Item no.
DDP PM500 varnish	U509.A0
Pump PM 500 varnish	U509.A0A

Processable materials

Water and solvent-based material
Base material & catalysts
Oils
Inks
Abrasive material

Material-wetted parts

Aluminum
PTFE
Stainless steel

Scope of delivery

Pump incl. air pressure regulator

Order information

Please order air supply, suction system and other accessories separately.

Zip 182

Low-pressure diaphragm pump

Double diaphragm pump for material transport and circulating systems. Up to 8 bar and 182 l/min.

Technical data	
Multiplication ratio	1:1
Material pressure	8 bar
Volumetric flow per double stroke	710 cm^3/DS
Volumetric flow at free flow	180 l/min
Material inlet	G 1" - F
Material outlet	G 1" - F
Air inlet pressure range	1 bar - 8 bar
Compressed air connection	M - G 1/2"
Sound level at 6 bar air pressure	78 dB(A)
Material temperature range	4 °C - 90 °C
Ambient temperature range	4 °C - 40 °C
Weight	12.5 kg

Product variants	Item no.
DDP ZIP182 ATSS1	U560.ATSS1

Processable materials

Water and solvent-based material
Base material & catalysts
Oils
Water and waste water
Coolant lubricants
Adhesives
Abrasive material

Material-wetted parts

Aluminum
PTFE
Stainless steel

Scope of delivery

Without air supply pressure regulator

Order information

Please order air supply, suction system and other accessories separately.

Accessories low-pressure diaphragm pumps

WAGNER offers you an extensive range of accessories for low-pressure diaphragm pumps.
Select your required components from the table.

	Unica 4-270	Zip 52	Zip 80	PM 500	Zip 182	
Mounting						
Stand Unica 4-270	●					T6148.00
Wall mounting Unica 4-270	●					T6151.00
Wall mounting Zip52		●	●			T760.00M
Wall mounting Zip52/80 basic pump			●	●	●	T600.573
Stand Zip 52		●	●			T760.00S
Trolley Zip 52		●	●			T760.00SR
Air supply						
Air pressure regulator for DD 4:1	●					T6152.00
Air pressure regulator		●	●	●	●	P123.00
Manometer 010 1/8X52		●	●	●	●	P903.00
Flow rate control valve ZIP		●	●	●	●	T600.523
Suction system						
Flex. suction hose DN25-G3/4""-S-SSt	●					T4021.00I
Flex. suction hose DN 16 SSt cpl.		●	●			T406.00
Material pressure regulator						
MPR 40/0.5-8 bar pneum. SSt	●	●	●	●	●	T0170.00BI
MPR 25/0.5-5 bar man. Alu		●	●	●	●	T0170.00A
MPR 25/0.5-8 bar pneum. Alu		●	●	●	●	T0170.00B
MPR 25/0.5-5 bar man. SSt		●	●	●	●	T0170.00AI
Service sets						
Service set Unica springloaded valves	●					T6169.00

Low-pressure piston pumps

The WAGNER IceBreaker low-pressure piston pumps are the ideal solution for reliable and low-maintenance paint supply systems of all sizes. The strong and energy-efficient air motors always have sufficient reserves even at large material flow rates and work entirely without icing – especially in continuous operation.

EvoMotion 5-60S

Wildcat 10-70

Puma 3-600

Leopard 8-600

EvoMotion 5-125

Processable material					
Water-based material	●	●	●	●	
Solvent-based material	●	●	●	●	●
Low viscosity (<40 sec. DIN No. 4)	●	●	●	●	●
Medium viscosity (40...60 sec. DIN No. 4)	●	●		●	●
High viscosity (>60 sec. DIN No. 4)		●		●	
UV-sensitive material			◐	◐	
Shear-sensitive material			◐	◐	
Moisture-sensitive material			◐	◐	

Application					
Airspray	●	●			
AirCoat 160 bar max.					
AirCoat 250 bar max.					
Airless 270 bar max.					
Airless 400 bar max.					
Airless 530 bar max.					
Fluid delivery	●	●	●	●	●

● Suitable
◑ Suitable to a limited extent

EvoMotion 5-60S

Low-pressure piston pump

Low-pressure feeding pump for airspray applications with high-viscosity material or long hose lines. Up to 40 bar and 3.6 l/min.

Technical data	
Multiplication ratio	5:1
Material pressure	40 bar
Volumetric flow per double stroke	60 cm^3/DS
Max. stroke rate	60 DS/min
	3.6 l/min
Material inlet	M36x2 - M
Material outlet	G 3/8“ - F
Air inlet pressure range	2.5 bar - 8 bar
Compressed air connection	8 mm
Sound level at 6 bar air pressure	63 dB(A)
Material temperature range	5 °C - 80 °C
Ambient temperature range	5 °C - 50 °C
Material pH range	9 pH - 3.5 pH
Max. allowed inclination	10 °
Weight	13 kg

Product variants	Item no.
PistonP. EvoMotion 5-60 PE/T	2329535

Processable materials

Water and solvent-based material
Base material & catalysts
Pre-mixed 2K material
Separating agents

Material-wetted parts

Stainless steel
PTFE
Hard chrome
Tungsten carbide

Scope of delivery

Pump with air pressure regulator
Separating agent 250 cm^3
Grounding cable

Order information

The suction system, material filter and mounting accessories must be selected from the accessories program in addition to the pump.

Puma 3-600

Low-pressure piston pump

Low-pressure piston pump, stainless steel, for larger feeding and circulating systems up to 30 l/min.

Technical data	
Multiplication ratio	3:1
Material pressure	24 bar
Volumetric flow per double stroke	600 cm^3/DS
Max. stroke rate	50 DS/min
Flow rate per 50 DS	30 l/min
Material inlet	M36x2 - M
Material outlet	M24x1,5 - M
Air inlet pressure range	2.5 bar - 8 bar
Compressed air connection	F - G 1/2"
Sound level at 6 bar air pressure	74 dB(A)
Material temperature range	5 °C - 80 °C
Material pH range	3.5 pH - 9 pH
Material pressure at pump inlet	5 bar
Max. allowed inclination	10 °
Weight	35 kg

Product variants	Item no.
PistonP. Puma 3-600 USA	2329531

Processable materials

Water and solvent-based material
Base material & catalysts
Metallic paints

Material-wetted parts

Stainless steel
Hard chrome
Tungsten carbide
PE
PTFE

Scope of delivery

Pump with air pressure regulator
Separating agent 250 cm^3
Grounding cable

Order information

The suction system, material filter and mounting accessories must be selected from the accessories program in addition to the pump.

Leopard 8-600

Low-pressure piston pump

Low-pressure piston pump, stainless steel, for larger feeding and circulating systems up to 30 l/min.

Technical data	
Volumetric flow per double stroke	600 cm^3/DS
Max. stroke rate	50 DS/min
Flow rate per 50 DS	30 l/min
Material inlet	M36x2 - M
Material outlet	M24x1,5 - M
Air inlet pressure range	2.5 bar - 8 bar
Compressed air connection	F - G 1/2"
Sound level at 6 bar air pressure	78 dB(A)
Material temperature range	5 °C - 80 °C
Material pH range	3.5 pH - 9 pH
Material pressure at pump inlet	5 bar
Max. allowed inclination	10 °
Weight	43 kg

Product variants	Item no.
PistonP. Leopard 8-600 PE/TG	2329533

Processable materials

Water and solvent-based material
Metallic paints
Base material & catalysts

Material-wetted parts

Stainless steel
Hard chrome
Tungsten carbide
PE
PTFE

Scope of delivery

Pump with air pressure regulator
Separating agent 250 cm^3
Grounding cable

Order information

The suction system, material filter and mounting accessories must be selected from the accessories program in addition to the pump.

EvoMotion 5-125

Low-pressure piston pump

Low-pressure piston pump, stainless steel, for material feeding up to 40 bar and 7.5 l/min. For suction directly from 200 L drums with bung hole. With scoop piston for viscous material. Ideally suited as feeding pump.

Technical data	
Material pressure	40 bar
Volumetric flow per double stroke	125 cm^3/DS
Max. stroke rate	60 DS/min
Flow rate per 60 DS	7.5 l/min
Material outlet	G 1/2" - F
Air inlet pressure range	2 bar - 8 bar
Compressed air connection	8 mm
Sound level at 6 bar air pressure	69 dB(A)
Material temperature range	5 °C - 80 °C
Ambient temperature range	5 °C - 60 °C
Weight	25 kg

Product variants	Item no.
EvoMotion 5-125 PE/T	U1B05125D

Processable materials

High-viscosity materials
Adhesives
Thickfilm material

Material-wetted parts

Stainless steel
Carbon Steel
PTFE
PE

Scope of delivery

Pump without air regulator
Separating agent 250 cm^3

Order information

The suction system, material filter and mounting accessories must be selected from the accessories program in addition to the pump.

Accessories low-pressure piston pumps

WAGNER offers you an extensive range of accessories for low-pressure piston pumps.
Select your required components from the table.

	Puma 8-300	Leopard 8-600	EvoMotion 5-60S	EvoMotion 5-125	
Mounting					
Wall mounting 4" cpl.	●		●		2332143
Trolley 4" cpl.	●		●		2325901
Wall mounting 6" cpl.		●			2332145
Stand 4" cpl.			●		2332374
Air supply					
Set air regulator pump				●	T6140.00
Suction system					
Suction hose DN25-SSt cpl.	●	●	●		2323239
Suction hose DN25-SSt cpl.	●	●	●		2324116
Suction hose DN16-SST cpl.			●		2324158
Suction hose DN16-SSt cpl.			●		2324110
Hopper set 5L for piston pumps			●		2332169
Pump outlet & material filter					
HP filter DN12-PN530-SSt IceBreaker	●	●			2329025
HP filter DN10-PN270-SSt IceBreaker	●	●			2329024
Ball valve-R1/4"-G1/4"-PN530-SSt			●		2334488
Ball valve-R1/4"-G1/4"-PN350-CS EM			●		2334472
Return					
Return hose DN6-G1/4"-100mm-PA	●	●	●		2331752
Return hose DN6-G1/4"-PA	●	●	●		2329046
Circulation hose DN6-G1/4"-1.8-PA	●	●	●		2331017
Circulation hose DN6-G1/4"-2.8-PA	●	●	●		2331014

Immediately ready for flexible use.

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Spraypacks finishing airspray
We offer predefined spraypacks for the application of paints, lacquers, release agents and adhesives using the airspray process. These include standard spraypacks as well as special solutions for the electrostatic coating of solvent and water-based paints. AquaCoat spraypacks enable an easy application of water-based paints while at the same time providing a high level of safety for the user. Configured spray-packs with the TwinControl mixing units complete the range.

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Spraypacks finishing AirCoat/Airless
With our AirCoat and airless spraypacks you can master most industrial coating tasks. Whether stationary on a wall bracket with frame or for mobile use on a practical trolley – with our predefined solutions you are always well equipped. In the field of AirCoat and airless we offer standard spraypacks as well as solutions for electrostatic applications and special spraypacks with our AquaCoat and TwinControl systems.

Spraypacks

WAGNER offers you a large selection of pre-defined spraypacks. Use the tables to select the variant that suits you best. If required, it is also possible to configure your individual spraypack via your sales partner or the WAGNER web shop. In this way you always receive a coating solution perfectly tailored to your needs.

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Spraypacks PROTEC 2K

These spraypacks support you in demanding applications on the construction site. Whether as a basic spraypack or complete ready-to-spray system with suction/material hose, gun, nozzle and air filter. In combination with the TwinControl mixing units, for example, highly viscous, abrasive corrosion protection materials can also be applied. Wherever highly filled 2K materials are used, the PROTEC 2K mixing and dosing system takes over both the precise dosing of the components and the complex mixing.

Spraypacks airspray finishing with GM 1030P

WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best. You also have the possibility to configure your individual spraypack via your sales partner or the webshop.

	Zip52 incl. material pressure regulator, suction hose, wall mount, GM 1030P HVLP 1.2 mm **2409878**	Zip52 incl. material pressure regulator, suction hose, stand with GM 1030P HVLP 1.2 mm **2409297**	Zip52 incl. material pressure regulator, hopper, stand with GM 1030P HVLP 1.2 mm **2409870**	Zip52 incl. material pressure regulator, suction hose, trolley, GM 1030P HVLPplus 1.2 mm **2409866**	Zip52 incl. material pressure regulator, suction hose, trolley, GM 1030P HVLPplus 1.2 mm **2409871**	
Gun						
GM 1030P HVLPplus 1.2 mm	●	●	●	●	●	2400821
Mountings						
Wall mount Zip52	●					T760.00M
Stand ZIP large		●	●			T760.00S
Trolley 6" cpl.				●	●	2325916
Suction system						
Suction hose ZIP	●	●		●	●	-
Zip5 52 5L hopper			●			2328487
Circulation & filter						
With filter & circulation	●	●	●	●	●	-
With material pressure regulator	●	●	●	●	●	-
Pump						
Zip Alu	●	●	●	●	●	U760.00 & 236219
Hose packages GM 1030P						
LP hose package Flex DN6 7.5 m	●	●	●	●	●	2405455

	DD10 with circulation/filter, suction hose, wall mount, GM 1030P HVLPplus 1.0 mm **2409879**	DD10 with circulation/filter, suction hose, stand large, GM 1030P HVLPplus 1.0 mm **2409869**	DD10 with circulation/filter, hopper, stand large, GM 1030P HVLPplus 1.0 mm **2409868**	DD10 with circulation/filter, suction hose, trolley, GM 1030P Conv. 1.2 mm **2409859**	DD10 incl. circulation/filter, hopper, trolley, GM 1030P Conv. 1.2 mm **2409865**	
Gun						
GM 1030P HVLPplus 1.2 mm	●	●	●	●	●	2400821
GM 1030P HVLPplus 1.2 mm					●	2400802
Mountings						
Wall mount	●					-
DD10 stand large		●	●			2368206
Trolley 6" cpl.				●	●	2325916
Suction system						
Suction hose	●	●		●		-
Hopper set 5L for ZIP			●		●	2397216
Circulation & filter						
With filter & circulation	●	●	●	●	●	-
Pump						
DD10	●	●	●	●	●	2414299
Hose packages GM 1030P						
LP hose package Flex DN6 7.5 m	●	●	●	●	●	2405455

Spraypacks Airspray Finishing with GM 5000 EA

WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best. You also have the possibility to configure your individual spraypack via your sales partner or the webshop.

	Set GM 5000EA VC - VM 500 **2328706**	Set GM 5000EA VC - VM 5000 **2328707**	
Mountings			
Bracket control unit cpl.	●	●	2327509
Filter inserts			
Edge filter 100 mesh			3204605
Gun			
GM 5000EA	●	●	2309870
GM 5000EAC			2309871
Nozzles - flat jet			
Nozzle EAF 5000 - 1.0 mm	●	●	2310541
Nozzle ACF5000 11/40			395411
Air caps - flat jet			
Air cap EAF 5000 - 1.0-1.4W	●	●	2314256
Air cap ACF 5000 - LV (red)			2309882
Control units			
Control unit VM 500	●		2310478
Control unit VM 5000		●	2310477
Hose packages airspray			
Hose set GM 5000EA (7.5 m)	●	●	2339167
Hose packages AirCoat			
Hose set GM 5000EAC (7.5 m)			2339171

Spraypacks Airspray Finishing with AquaCoat

WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best.
You also have the possibility to configure your individual spraypack via your sales partner or the webshop.

	Basic set AQ5010 LP manual Zip52, GM 5020EAW **2364014**	Basic set AQ5010 LP manual DD10, GM 5020EAW **2364016**	Basic set AQ5020 LP manual Zip52, GM 5020EAW **2364018**	Basic set AQ5020 LP manual DD10, GM 5020EAW **2364019**	
AquaCoat cabinet					
AquaCoat 5010 manual basic unit	●	●			2363401
AquaCoat 5020 manual basic unit			●	●	2363292
Pump set					
Zip52 pump set	●		●		2363856
DD10 pump set		●		●	2364024
Applicator					
GM 5020EAW	●	●	●	●	2362852
Hose packages					
Hose set GM 5000EAW (7.5 m)	Hose package must be ordered separately.				2368087
Hose set GM 5000EAW (10 m)					2368088
Hose set GM 5000EAW (15 m)					2368089
Hose set GM 5000EAW (20 m)					2368090
Hose set GM 5000EAW (25 m)					2419381
Accessories					
Gun holder	Accessories must be ordered separately.				2359097
Hose holder					353050
Base frame rollers AQ 5010					2364394
Base frame rollers AQ 5020					2359029
Insert tray AQ 5010					2364790
Insert tray AQ 5020					2364791
Level monitoring					353053
Drum lid D350 without agitator					353054
Drum lid D350 with agitator					353055

TwinControl Airspray finishing

WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best. You also have the possibility to configure your individual spraypack via your sales partner or the webshop.

	2339519 TwinControl 5-60 ABS Ex GR	2340464 TwinControl 5-60 ABS GR	2340465 TwinControl 5-60Ex W	2340466 TwinControl 5-60 W	2339016 TwinControl 5-60 Ex GR M	2367760 TwinControl 5-60 Ex AIS GR P	2339020 TwinControl 10-70 ABS Ex GR M	2340467 TwinControl 10-70 ABS GR
Pump A								
EvoMotion 5-60	●	●	●	●	●	●		
WildCat 10-70							●	●
Pump B								
EvoMotion 5-60	●	●	●	●	●	●		
WildCat 10-70							●	●
Pump flushing agent								
EvoMotion 5-60	●	●	●	●	●	●		
Wildcat 10-70							●	●
Control								
Non Atex, 100...230V DC & air supply		●		●				●
Atex, only air supply	●		●		●	●	●	
Mounting / Assembly								
Stand with rollers	●	●			●	●	●	●
Wall mount			●	●				
Mixer								
Internal mixer	●	●	●	●	●	●	●	●
Prepared for external mixer								
Material pressure regulator								
With mechanical adjustment					●		●	
With pneumatic control						●		
AirCoat regulator								
AirCoat regulator	●	●	●	●	●			

Spraypacks AirCoat / Airless finishing

WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best. You also have the possibility to configure your individual spraypack via your sales partner or the webshop.

	SP EM 40-15 compact **U6S40015HEB**	SP EM 40-15 compact GM 4700 AC **2350603**	SP EM 20-30 compact **U6S20030HEB**	SP EM 20-30 compact GM 4700 AC **2365818**	
Pump					
EvoMotion 40-15 compact	●	●			U6S40015HEB
EvoMotion 20-30 compact			●	●	U6S30020HEB
Mountings					
Stand	●	●	●	●	2332374
Air supply					
AirCoat regulator included	●	●	●	●	-
Suction system					
Hopper 5L	●	●	●	●	340265
Lid	●	●	●	●	340429
Return					
Return pipe DN6-G1/4"-100mm-PA	●	●	●	●	2331752
Spray gun					
GM 4700 AC		●		●	2313585
Nozzle ACF3000 13/40		●		●	379413
Air cap HV red		●		●	2313497
Hose packages AirCoat					
Hose package AirCoat		●		●	2309706

Spraypacks AirCoat / Airless finishing

WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best. You also have the possibility to configure your individual spraypack via your sales partner or the webshop.

	SP VC EM40-15 AG14AL **2335075**	SP-VC EM40-15 GM4700AC **2335175**	SP-VC EM40-15 AL **2335287**	SP-VC EM20-30 GM4700AC **2335176**	SP-VC EM20-30 AC **2335086**	SP-VC EM20-30 GM4700AC hopper **2335086**	
Pump							
EvoMotion 40-15	●	●	●				2329450
EvoMotion 20-30				●	●	●	2329452
Mountings							
Stand 4" cpl.	●	●	●	●	●		2332374
Trolley 4 wheel						●	T6196.00
Air supply							
Set AirCoat regulator EvoMotion		●		●	●	●	T6145.00A
Suction system							
Suction hose DN16-SST cpl.	●				●		2324158
Suction hose DN16-SSt cpl.		●	●	●			2324110
Hopper set 5L for piston pumps						●	2332169
Pump outlet & material filter							
Ball valve-R1/4"-G1/4"-PN350-CS EM	●				●	●	2334472
Ball valve-R1/4"-G1/4"-PN530-SSt		●	●	●			2334488
Return							
Return pipe DN6-G1/4"-100mm-PA	●	●	●	●	●	●	2331752
Spray gun							
GM 4700AC 25MPa NPSM1/4		●		●		●	2313585
Gun AG-14 for StandardTip, NPS1/4"	●						257017
Nozzles - flat jet							
Nozzle Standard 411	●						90411
Nozzle ACF3000 11/40		●		●		●	379411
Air caps - flat jet							
Air cap LV plus (red / GM 4x00AC)		●		●		●	2313494
Hose package AirCoat							
AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T		●		●		●	2309706
Material hose airless							
HP-hose-DN4-PN270-¼"NPS-7,5m-PA	●						9984573

Spraypacks AirCoat / Airless finishing

WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best. You also have the possibility to configure your individual spraypack via your sales partner or the webshop.

	Diaphragm pump Cobra 40-10 with stand **2329521**	SP Cobra 40-10 GM4700AC stand, hopper **2342248**	SP Cobra 40-10 GM4100AC stand, hopper **2342245**	Diaphragm pump Cobra 40-25 stand **2329525**	SP Cobra 40-10 trolley, hopper **2352331**	SP Cobra 40-10 GM4700 trolley, hopper **2352333**	
Pump							
Cobra 40-10	●	●	●		●	●	2329519
Cobra 40-25				●			2329523
Mountings							
Stand Cobra 40-10	●	●	●				322052
Stand Cobra 40-25				●			2308732
Trolley Cobra cpl.					●	●	2341375
Air supply							
Set AirCoat regulator IceBreaker		●	●		●	●	2328611
Suction system							
Hopper set 5L Cobra		●	●		●	●	2344505
Gun							
GM 4700AC 25MPa NPSM1/4		●				●	2313585
GM 4100AC 25MPa NPSM1/4“			●				394012
Nozzles - flat jet							
Nozzle ACF3000 11/40		●	●			●	379411
Air caps - flat jet							
Air cap LV plus (red / GM 4x00AC)		●	●			●	2313494
Hose packages AirCoat							
AC-hose-DN4-PN270-1/4“NPS-7,5m-PA-T		●	●			●	2309706
Fitting-RF-FM-G3/8-1/4NPSM-530bar-SSt		●	●			●	2332621

Spraypacks finishing piston pumps

WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best. You also have the possibility to configure your individual spraypack via your sales partner or the webshop.

	SP-VC WildCat18-40 GM4100AC **2335092**	SP-VC WildCat18-40 GM4700AC **2335177**	SP-VC WildCat18-40 AC **2335090**	SP-VC Puma28-40 GM4700AC **2335179**	SP-VC Puma28-40 GM4700AC stand **2335290**	SP-VC Puma28-40 AC **2335291**	SP Leopard35-70 GM4700AC **2335181**	SP-VC Leopard35-70 AG14AL trolley **2335182**	SP-VC Leopard 35-70 AL **2335293**	
Mountings										
Stand 4" cpl.	●		●		●					2332374
Trolley 4" cpl.		●		●		●				2325901
Trolley 6" cpl.							●		●	2325916
Air supply										
Set AirCoat regulator IceBreaker	●	●	●	●	●	●	●			2328611
Suction system										
Suction hose DN16-SSt cpl.	●		●		●					2324110
Suction hose DN25-SSt cpl.		●		●		●	●	●	●	2324116
Pump outlet & material filter										
Release combination PN270 IceBreaker	●	●			●					2329023
Inline filter DN6-PN270-G1/4"-SSt		●								2324558
HP filter DN10-PN270-SSt IceBreaker				●		●	●	●	●	2329024
Gun										
GM 4100AC 25MPa NPSM1/4"	●									394012
GM 4700AC 25MPa NPSM1/4		●		●	●		●			2313585
Gun AG-14 for WagnerTip, NPS1/4"								●		257015
Nozzles - flat jet										
Nozzle ACF3000 11/40	●	●		●	●		●			379411
Nozzle WagnerTip 411								●		1088411
Air caps - flat jet										
Air cap LV plus (red / GM 4x00AC)	●	●		●	●		●			2313494
Hose package AirCoat										
AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T	●	●		●	●		●			2309706
Material hose airless										
HP-hose-DN6-PN270-¼"NPS-10,0m-PA								●		9984418

Spraypacks AirCoat with GM 5000EAC

WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best. You also have the possibility to configure your individual spraypack via your sales partner or the webshop.

	Set GM 5000EAC VC - VM 500 **2328708**	Set GM 5000EAC VC - VM 5000 **2328709**	
Mountings			
Bracket control unit cpl.	●	●	2327509
Filter inserts			
Edge filter 100 mesh	●	●	3204605
Gun			
GM 5000EA			2309870
GM 5000EAC	●	●	2309871
Nozzles - flat jet			
Nozzle ACF5000 11/40	●	●	395411
Air caps - flat jet			
Air cap ACF 5000 - LV (red)	●	●	2309882
Control units			
Control unit VM 500	●		2310478
Control unit VM 5000		●	2310477
Hose packages AirCoat			
Hose set GM 5000EAC (7.5 m)	●	●	2339171

Spraypacks AirCoat / AquaCoat

WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best.
You also have the possibility to configure your individual spraypack via your sales partner or the webshop.

	Basic set AQ5010 HP manual Evo 20-20, GM 5020EAC **2364017**	Basic set AQ5010 HP manual Puma 28-40, GM 5020EACW **2370696**	Basic set AQ5020 HP manual EvoMotion 20-30, GM 5020EACW **2364020**	Basic set AQ5020 HP manual Puma 28-40, GM 5020EACW **2364021**	Basic set AQ5020 HP manual Cobra, GM 5020EACW **2364022**	
AquaCoat cabinet						
AquaCoat 5010 manual basic unit	●	●				2363401
AquaCoat 5020 manual basic unit			●	●		2363292
Pump set						
EvoMotion 20-30 pump set	●		●			2303946
Puma 28-40 set for AquaCoat		●		●		2363746
Cobra 40-10 set for AquaCoat					●	2363747
Applicator						
GM 5020EACW	●	●	●	●	●	2362841
Hose packages						
Hose set GM 5000EACW (7.5 m)	Hose package must be ordered separately.					2368105
Hose set GM 5000EACW (10 m)						2368110
Hose set GM 5000EACW (15 m)						2368112
Hose set GM 5000EACW (20 m)						2368113
Hose set GM 5000EACW (25 m)						2419382
Hose set GM 5000EACW (30 m)						2419386
Accessories						
Gun holder	Accessories must be ordered separately.					2359097
Hose holder						353050
Base frame rollers AQ 5010						2364394
Base frame rollers AQ 5020						2359029
Insert tray AQ 5010						2364790
Insert tray AQ 5020						2364791
Level monitoring						353053
Drum lid D350 without agitator						353054
Drum lid D350 with agitator						353055

TwinControl AirCoat / Airless

WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best. You also have the possibility to configure your individual spraypack via your sales partner or the webshop.

	2340468	2338992	2340469	2340470	2367761	2338758	2339008	2340473	2340471	2367764	2367426	2340474	2340475	2340476	2340488	2339004
	TwinControl 28-40 ABS Ex GR	TwinControl 28-40 ABS GR	TwinControl 28-40 ABS Ex W	TwinControl 28-40 ABS W	TwinControl 28-40 ABS Ex AIS GR	TwinControl 35-70 ABS Ex GR	TwinControl 35-70 ABS GR	TwinControl 35-70 ABS W	TwinControl 35-70 ABS Ex W	TwinControl 35-70 ABS Ex AIS GR	TwinControl 35-70 ABS Ex GR acid	TwinControl 35-150/70 ABS Ex GR	TwinControl 35-150/70 ABS GR	TwinControl 35-150/70ABS Ex trolley	TwinControl 35-150/70 ABS trolley	TwinControl 35-150/70 ABS Ex GR A+B E
Pump A																
Puma 28-40	●	●	●	●	●											
Leopard 35-70						●	●	●	●	●	●					
Leopard 35-150												●	●	●	●	●
Pump B																
Puma 28-40	●	●	●	●	●											
Leopard 35-70						●	●	●	●	●	●	●	●	●	●	●
Pump flushing agent																
Puma 28-40	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Control																
Non Atex, 100...230V DC & air supply		●		●			●	●					●		●	
Atex, only air supply	●		●		●	●			●	●	●	●		●		●
Mounting / Assembly																
Stand with rollers	●	●			●	●	●			●	●	●	●			●
Trolley														●	●	
Wall mount			●	●				●	●							
Soft circulation																
A side																●
B side																●
Mixer																
Internal mixer	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Prepared for external mixer																●
GFB																
Prepared for assembly of a GFB																●
Heater																
A side																●
B side																●
AirCoat regulator																
AirCoat regulator	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●

Spraypacks TwinControl PC

WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best. You also have the possibility to configure your individual spraypack via your sales partner or the webshop.

	2340477	2340478	2339021	2339028	2340479
	TwinControl 48-110 AB Ex trolley	TwinControl 48-110 AB Ex GR	TwinControl 48-110 ABS Ex GR	TwinControl 48-110 ABS GR	TwinControl 48-110 ABS Ex trolley
Pump A					
Leopard 48-110	●	●	●	●	●
Pump B					
Leopard 48-110	●	●	●	●	●
Pump flushing agent					
Puma 28-40			●	●	●
Control					
Non Atex, 100...230V DC & air supply				●	
Atex, only air supply	●	●	●		●
Mounting / Assembly					
Stand with rollers		●	●	●	
Trolley					●
Wall mount	●				
Mixer					
Internal mixer	●	●	●	●	●

Spraypacks Protective Coating piston pumps

WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best. You also have the possibility to configure your individual spraypack via your sales partner or the webshop.

	SP Leopard 48-110 trolley **2339863**	SP Leopard 48-110 GM 1-530 trolley **2352764**	SP PROTEC 95-150 trolley **2411666**	SP PROTEC 95-150 trolley DN25 **2412067**	SP PROTEC 95-150 trolley GM 1 **2411665**	SP PROTEC 95-150 trolley GM 1 PC **2411664**	SP PROTEC 95-150 trolley GM 1 oMS **2411667**	SP PROTEC 72-200 trolley **2411668**	SP PROTEC 72-200 trolley GM 1 **2411944**	SP PROTEC 72-200 trolley GM 1 PC **2411669**	SP PROTEC 60-240 trolley **2352274**	SP PROTEC 60-240 trolley GM 1 **2411943**	SP PROTEC 60-240 trolley GM 1 PC **2352275**	
Pump														
Leopard 48-110	●	●												2329490
PROTEC 95-150			●	●	●	●	●							2409470
PROTEC 72-200								●	●	●				2409774
PROTEC 60-240											●	●	●	2409469
Mountings														
Trolley PC	●	●	●	●	●	●	●	●	●	●	●	●	●	2339705
Suction system														
Suction hose DN25-SSt cpl.		●		●	●		●		●			●		2324116
Fitting EF-MM-G1½" - M36				●	●		●		●			●		2329563
Suction hose DN38-PC cpl.						●				●			●	2325815
Fitting-EF-FM-G1 1/2-G1 1/2-PN25-TG						●				●			●	2329019
Fitting-DF-MM-G1½" - Rd55x1/6"-PN25-CS						●				●			●	2336489
Pump outlet & material filter														
HP filter DN12-PN530-CS cpl.	●	●	●	●	●	●	●	●	●	●	●	●	●	2339900
Return														
Return pipe DN6-G1/4"-100mm-PA	●	●	●	●	●	●	●	●	●	●	●	●	●	2331752
Gun														
Airless gun GM 1-530		●			●	●	●		●	●		●	●	2349287
Nozzles - flat jet														
PROTEC TIP reversible tip 517		●												556517
PROTEC TIP reversible tip 521					●	●	●		●	●		●	●	556521
Material hose airless														
HP-hose-DN6-PN530-¼"NPS-10,0m-PA		●												9984421
HP-hose-DN10-PN530-3/8"NPS-15,0m-PA					●	●			●	●		●	●	9987118
HP-hose-DN6-PN530-¼"NPS-1,5m-PA					●	●			●	●		●	●	9987117
Fitting-DF-MM-1/4NPSM-3/8NPSM-530bar-SSt					●	●			●	●		●	●	367561

TwinControl Protective Coating

WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best. You also have the possibility to configure your individual spraypack via your sales partner or the webshop.

	2340480 TwinControl 95-150 ABS Ex GR	**2340482** TwinControl 95-150 ABS GR	**2340484** TwinControl 95-150 ABS Ex trolley	**2340486** TwinControl 95-150 ABS Ex GR A+B PSV	**2345352** TwinControl 72-200 ABS Ex trolley	**2345850** TwinControl 72-200 ABS Ex GR	**2340379** TwinControl 60-240/150 ABS Ex GR	**2340483** TwinControl 60-240/150 ABS Ex trolley	**2340374** TwinControl 60-240 ABS Ex GR	**2340377** TwinControl 60-240 ABS Ex trolley	**2340382** TwinControl 60-240 ABS Ex trolley A+B PS
Pump A											
PROTEC 95-150 PE/TG	●	●	●	●							
PROTEC 72-200 PE/TG					●	●					
PROTEC 60-240 PE/TG							●	●	●	●	●
Pump B											
PROTEC 95-150 PE/TG	●	●	●	●			●	●			
PROTEC 72-200 PE/TG					●	●					
PROTEC 60-240 PE/TG									●	●	●
Pump flushing agent											
Leopard 35-70	●	●	●	●	●	●	●	●	●	●	●
Control											
Atex, only air supply	●		●	●	●	●	●	●	●	●	●
Mounting / Assembly											
Stand with rollers	●	●		●			●		●		
Trolley			●		●	●		●		●	●
Soft circulation											
A side				●							●
B side				●							●
Mixer											
Internal mixer	●	●	●	●	●	●	●	●	●	●	●
GFB											
Prepared for assembly of a GFB				●							●
Heater											
A side				●							●
B side				●							●

Spraypacks PROTEC 2K Protective Coating

WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best. You also have the possibility to configure your individual spraypack via your sales partner or the webshop.

	2350376	2352858	2352859	2352862	2350375	2352863	2352864	2352865	2350374	2352866	2352867	2352868	2350373	2352869	2352870	2352871	
	PROTEC 2K75-150/38	PROTEC 2K75-150/38 flushing pump	PROTEC 2K75-150/38 GM1	PROTEC 2K75-150/38 GM1 fl. pump	PROTEC 2K70-150/50	PROTEC 2K70-150/50 flushing pump	PROTEC 2K70-150/50 GM1	PROTEC 2K70-150/50 GM1 fl. pump	PROTEC 2K64-150/75	PROTEC 2K64-150/75 flushing pump	PROTEC 2K64-150/75 GM1	PROTEC 2K64-150/75 GM1 fl. pump	PROTEC 2K65-110/110	PROTEC 2K65-110/110 fl. pump	PROTEC 2K65-110/110 GM1	PROTEC 2K65-110/110 GM1 fl. p.	
Unit																	
Mixing ratio	4:1				3:1				2:1				1:1				-
Pressure transmission ratio	75:1				70:1				64:1				65:1				-
Gun																	
Airless gun GM 1-530			●	●			●	●			●	●			●	●	2349287
Nozzles - flat jet																	
PROTEC TIP reversible tip 521			●	●			●	●			●	●			●	●	556521
Paint section A																	
Paint section A 150 PE/TG 2K	●	●	●	●	●	●	●	●	●	●	●	●					2352830
Paint section A 110 PE/T 2K													●	●	●	●	2352829
Paint section B																	
Paint section B 38 PE/T 2K	●	●	●	●					●	●	●	●					2352825
Paint section B 50 PE/T 2K					●	●	●	●					●	●	●	●	2352826
Flushing pump																	
Set flushing pump 35-70 2K PC				●		●		●		●		●		●		●	2352831
Material hose airless																	
HP-hose-DN10-PN530-3/8"NPS-15,0m-PA			●	●			●	●			●	●			●	●	9987118
HP-hose-DN6-PN530-¼"NPS-1,5m-PA			●	●			●	●			●	●			●	●	9987117
Fitting-DF-MM-1/4NPSM-3/8NPSM-530bar-SSt			●	●			●	●			●	●			●	●	367561

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