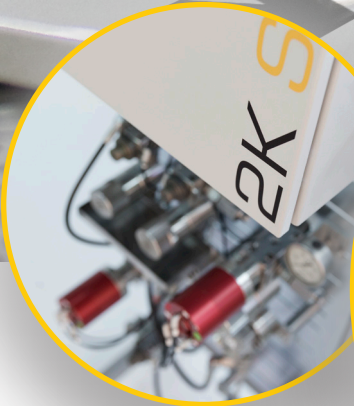




2K Smart MOD

Mixing and Dosing System



Flexible, Consistent and Fully Customizable
Multiple Component System - 2K, 3K Capabilities



Smart and Efficient

The WAGNER 2K Smart is highly flexible and can be configured for each application.

- Simple, intuitive operation via integrated touch display ensures quick and easy paint changes.
- Optimal and consistent paint mixing value.
- Reproducibility of mixtures.
- Independent use of two guns.
- Easy to clean and service.
- Control of material consumption.
- Savings on disposal costs.



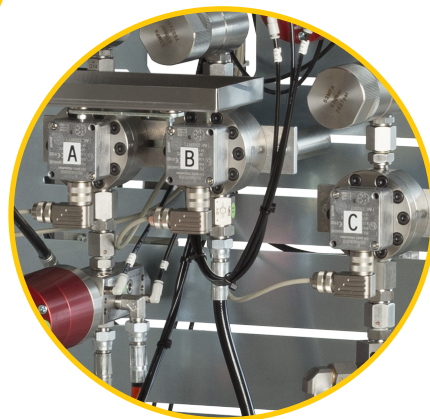
Touch Display

Simply structured menu for setting recipes and system configurations.



Organized and Simple

Four button operation for a simplistic daily operation. Start, Stop, Flush and Recipe Change.



Paint Center

The high performance valves enable use with up to five paints, two hardeners and one C-component.



Effective and Precise



The Smart MOD comes standard with gear flow meters and in-line fluid filtration for A/B components. Other measurement methods such as Wagner's patented Stroke Sensor and Coriolis are available with custom built machines.

- High or Low Pressure Systems
- Two models available to cover most all coating requirements
- Custom machines built on request
- Mixing equipment comes equipped with a fixed stand with feet
- Protective cover optional

Material Measurement



Wagner Gear Flow Meter

- Direct measurement in material flow suitable for non-abrasive materials.
- Fast reaction time.
- Measuring system for up to five paints.



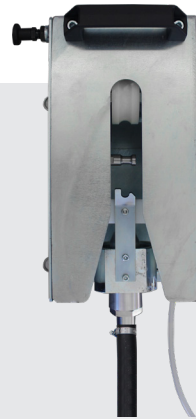
Wagner Stroke Sensor (Custom)

- Indirect flow measurement without material contact.
- No wear when using abrasive materials.
- No risk of incorrect measurements with low-viscosity materials.
- High dosing accuracy with frequent opening and closing of gun(s).

2K Smart Technical Data - Base Unit Configuration	
Base unit configuration	High pressure 3A/1B, low pressure 4A/1B
Mixing ratio	.1:1 - 50:1
Mixing accuracy	Plus or minus 1%
Material pressure	270 bar max HP / 25 bar max LP
PLC display size	7.5" color
Mounting	Stand with feet
Component A expansion	5A max for HP unit, 5A max for LP unit
Component B expansion	2B max for HP/LP units
Component C expansion	1C max for HP/LP units
Air/solvent flushing	Standard on LP unit, N/A for HP unit
Flush solvent	A/B flush solvent connections for HP/LP units
Measurement method	.02-3L gear flow meters for A/B
Gun quantity	One standard, expandable to two
Gun control	Controlled via atomizing air switch
Material filtration	A/B component in-line filtration
Pressure gauges	0-10 bar LP unit, 0-250 bar HP unit, A/B materials
Data archiving	Standard on HP/LP units

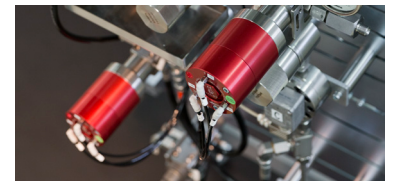
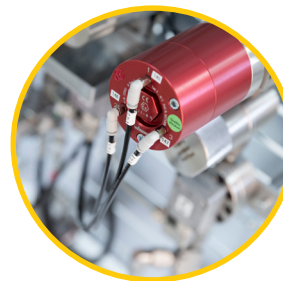
2K Smart MOD - Unit Configurations	
Part Number	Description
2419147	4A1B 2K Smart MOD - Low Pressure
2419148	3A1B 2K Smart MOD - High Pressure

2K Smart Extension Kits	
Part Number	Description
2339542 + 9970153	High pressure A Valve - 2.6mm TC 400 bar paint valve kit
2339543 + 9970153	Low pressure A Valve - 4.0 SST 100 bar paint valve kit
2339544 + 9998300 + 2307685	High pressure B Valve - 2.6mm TC 400 bar dosing valve kit
2339544 + 9999271 + 2307685	Low pressure B Valve - 2.6mm TC 400 bar dosing valve kit
2339421	AIS kit
2342689	Alarm horn kit
2339766	GFB connection kit
2339595	C component kit
2362636	Estat connection kit
2341153	Remote control kit
2339545	High pressure gun splitter 2.6 mm TC
2339597	Low pressure gun splitter 4.0 mm SST
2339444	Low pressure pneumatic fluid regulator

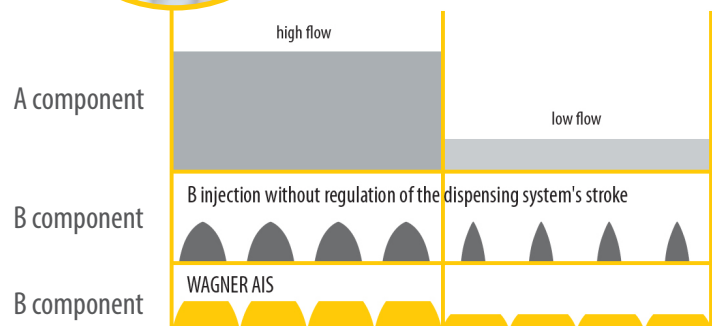


Add a gun flush box to optimize the flush cycle, manage pot life and reduce the time spent by the operator flushing equipment. One flush box can be used to purge two separate guns so installation cost is low for fast ROI.

Gun Flush Boxes	
Part Number	Description
T6600.GM47	Gun flush box for GM4700 air coat gun
T6600.GM1030P	Gun flush box for CAT-Xpress HVLP gun
T6600.GM5000	Gun flush box for electrostatic low/high pressure gun



The AIS functional principle



The AIS dispensing system from WAGNER

The AIS (Adaptive Injection System) automatically regulates dosing valve injection based on material flow rates. Flow rates change based on quantity of guns and variable mix ratios. The AIS system ensures an optimal mix ratio without the need to make alterations to the equipment.



IceBreaker

The high pressure piston pumps from Wagner are designed for airless and air coat applications. The unique internal design of the motor and its special discharge valves drastically reduce ice formation and prevent accumulation to ensure superior performance and exceptional reliability. Self-adjusting packings and a thick hard chrome plated stainless steel fluid section ensures durability regardless of the material used. The packing-free, anti-stalling pilot valve is always fed by full air pressure, regardless of the adjusted working pressure, to guarantee high speed inversions and optimal performance.

Outstanding durability, very high reliability and unique features make the IceBreaker® the optimal choice for almost any high-pressure application.

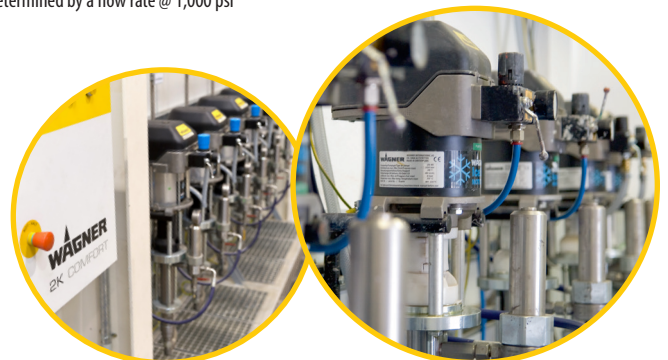
IceBreaker® High Pressure Selection Chart

Piston pump	Pump ratio	Max working pressure (PSI)	Free flow rate (Gal/Min)	Flow rate (Gal/Min) @ 30 cpm	Part Number (PE/TG Packing)	Part Number (PE/T Packing)
WildCat 10-70	10:1	1160	1.11	0.56	2329460	2329462
Wildcat 18-40	18:1	2089	0.64	0.32	2329456	2329458
Puma 21-110	21:1	2436	1.751	0.87	2329517	2330614
Leopard 26-200	26:1	3016	3.17	1.59	2417044	2417043
Puma 28-40	28:1	3249	0.64	0.32	2329467	2329469
Leopard 35-70	35:1	3626	1.11	0.56	2329479	2329481
Leopard 35-150	35:1	3916	2.38	1.19	2329484	2329486

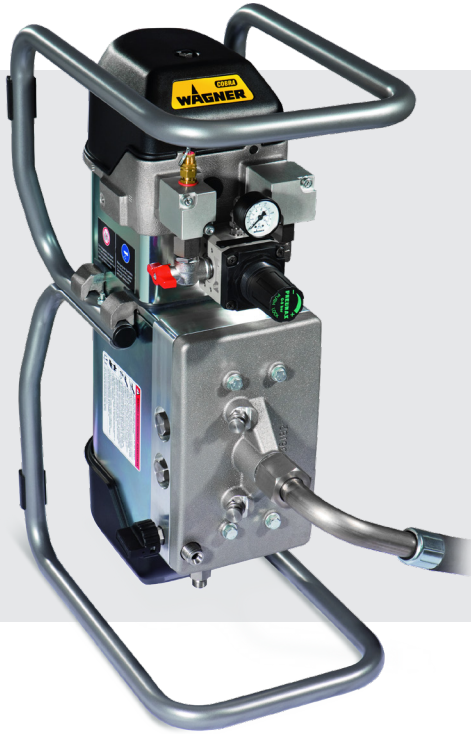
* Flow rates based on water @ 1000 PSI and cycles per minute

* 15-30 cycles/min (CPM) is recommended for continuous operation

* Gun quantity determined by a flow rate @ 1,000 psi



Cobra



No Application Limits

- Cobra® is friction free and can handle all critical materials.
- Minimized shearing effect.
- Reduced pulsation to ensure a consistent flow of material and a finer finish.
- Cobra® pumps have high speed operation and very small fluid chambers.

Cobra® High Pressure Selection Chart		
Diaphragm pump	Pump ratio	Part Number
Cobra 40-10 w/Frame	40:1	2329521
Cobra 40-25 w/Frame	40:1	2329525

Cobra® Accessories	
Description	Part Number
Wall Bracket	2332143
DN16 Suction Hose	2324110
DN25 Suction Hose	2324116

ZIP 52



High Efficiency and Performance

- The optimized design with less dead space enables rapid color change and cleaning, and a reduction in the amount of solvent required
- The air motor ensures highest performance with reduced air consumption; requires no additional lubrication and suffers from no freezing problems
- Different pump configurations and a comprehensive product palette guarantee a wide range of possible applications

ZIP 52 Low Pressure Selection Chart		
Diaphragm pump	Pump ratio	Part Number
ZIP 52	1:1	U550.STSS7
ZIP-P5.U550.STSS7	1:1	Pail cover mounted
ZIP-P5A.U550.STSS7	1:1	Agitated pail cover mounted

ZIP 52 Accessories	
Description	Part Number
Wall Bracket	T760.00M
SS Suction Hose (DN16)	T4016.00EI

The atomization systems of the Wagner 5000 series is the result of years of experience in the field of electrostatic coating. WAGNER's unique know-how in electrostatic charging ensures unrivaled finishing thanks to a soft spray pattern and excellent electrostatic action. The optimal surface quality, high transfer efficiency and reduced consumption are a strong economic advantage guaranteeing you a quick return on your investment. Maximum material savings and easy cleaning and maintenance make Wagner Electrostatic Paint Systems the optimal choice. The spray guns of the Wagner 5000 series are versatile devices which, are ideal for a variety of media.



Air Coat - FM Spray Packs

GM 5000EACF - FM Fan Spray

- GM5000EAC - FM (#2344473)
- VM Controller (#2344480)
- Hose Package - 25 ft (Std Resis - #2339171, Low Resis - #2339179)
- Nozzle ACF 5000 - 13/40 (#395413)
- Air Cap ACF 5000 - HV Blue (#2314203)

GM 5000EACF - FM Fan Spray	
Description	Part Number
GM 5000EACF FM - (Standard Resistance)	2396199
GM 5000EACF FM - (Low Resistance)	2396200

Air Spray - FM Spray Packs

GM 5000EAF - FM Fan Spray

- GM5000EA - FM (#2344471)
- VM Controller (#2344480)
- Hose Package - 25 ft (Std Resis - #2356991, Low Resis - #2357021)
- Nozzle EAF 5000 - 1.4 mm (#2310543)
- Air Cap EAF 5000 - 1.0 - 1.4W (#2314256)

GM 5000EAF - FM Fan Spray	
Description	Part Number
GM 5000EAF FM - (Standard Resistance)	2396203
GM 5000EAF FM - (Low Resistance)	2396204

GM 5000EACR - FM Round Spray

- GM5000EAC - FM (#2344473)
- VM Controller (#2344480)
- Hose Package - 25 ft (Std Resis - #2339171, Low Resis - #2339179)
- Nozzle Insert - R15 (#132724)
- Round Jet Nozzle Adapter ACR 5000 (#2354486)

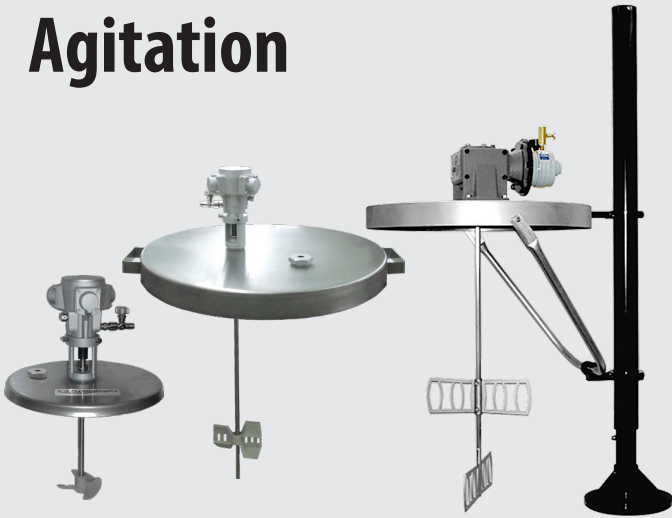
GM 5000EACR - FM Fan Spray	
Description	Part Number
GM 5000EACR FM - (Standard Resistance)	2396201
GM 5000EACR FM - (Low Resistance)	2396202

GM 5000EAR - FM Round Spray

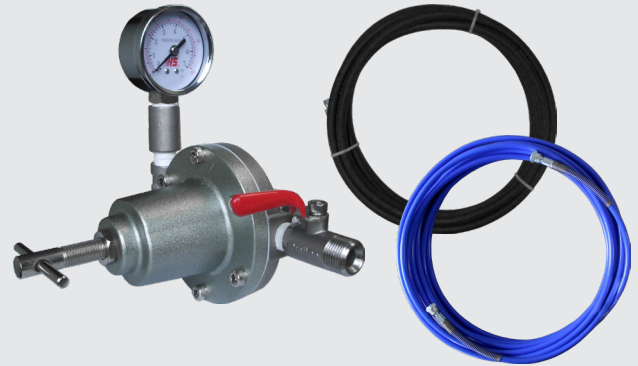
- GM5000EA - FM (#2344471)
- VM Controller (#2344480)
- Hose Package - 25 ft (Std Resis - #2356991, Low Resis - #2357021)
- Nozzle AR 5000 - D12 (#2315050)
- Air Cap AR 5000 - (#2315049)

GM 5000EAR - FM Fan Spray	
Description	Part Number
GM 5000EAR FM - (Standard Resistance)	2396205
GM 5000EAR FM - (Low Resistance)	2396206

Agitation



Fluid Delivery



Agitation	
Description	Part Number
CAT 5 gallon pail agitator	54-400-BA
CAT 55 gallon pail agitator	54-450-BA
ASC 55 gallon agitator / elevator	ASC-SP-1600
ASC 55 gallon agitator / elevator - back geared	ASC-SP-1601

Fluid Delivery Accessories	
Description	Part Number
LP fluid regulator / manually adjusted	52-203
LP fluid regulator / pneumatically adjusted	T0170.008I
HP fluid regulator 3000psi	52-250
1/4" LP fluid hose 15' w/ fittings	53-213-15
3/8" LP fluid hose 15' w/ fittings	53-215-15
3/16" HP fluid hose 15' w/ fittings	53-402-15
1/4" HP fluid hose 15' w/ fittings	9984465
Plastic hose sleeve - per foot	91-51-X

*Any length and diameter air and fluid hose available upon request

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