

Best transfer efficiency and superior finishing quality in the field of electrostatic coating - with the **WAGNER GA 5000** electrostatic automatic gun combined with the **EPG 5000** control unit.



The **WAGNER GA 5000 & EPG 5000** are a contribution to the trend of electrostatic processes which reduce coating-related pollutant emissions, as well as automated systems. Compared to the bell atomiser, this solution has a much simpler structure and achieves equally excellent spraying results. It can be used for various applications, e.g. agricultural equipment, transportation vehicles or automotive parts.

- Material savings of up to 50%.
- All-in-one control unit.
- Highest safety functions built in.



Fast & easy maintenance

Simple release of the union nut and housing thanks to the new click system.



Maintenance cost savings

With the quick-change nozzle - simple nozzle exchange without disconnecting the material or compressed air, as well as flushing. For minimum interruptions of the production process.

Superior finishing quality

Exceptionally homogeneous atomisation with the tiniest droplet sizes for outstanding surface quality minimises the number of rejected parts.

Up to 20% paint savings

Up to 20 % higher transfer efficiency vs comparable products with the WAGNER high performance cascade.

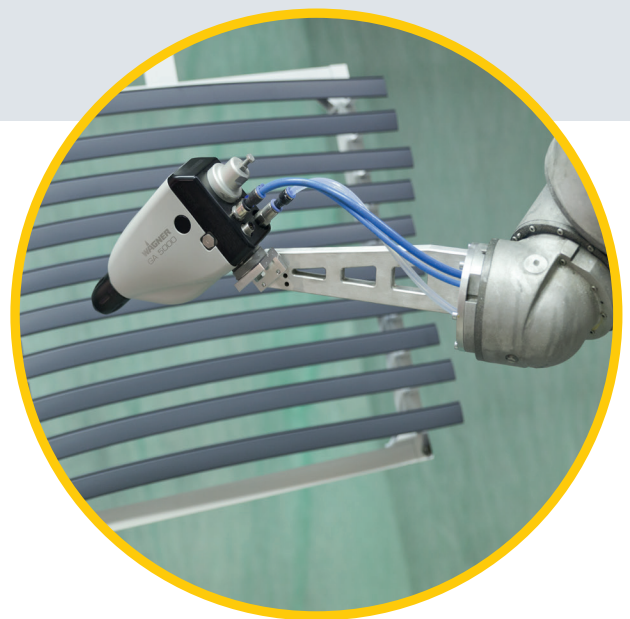
High flexibility

Option to choose between internal or external air control, depending on the coating requirements.



Internal and external versions for air control

For experienced operators, it is often quicker and easier to set the forming air and atomised air on the gun. On the IC versions (internal control), there is an adjusting screw for this. For more precise and reproducible air settings, the EC versions (external control) can be used. The air options are set on the EPG 5000.



GA 5000 & EPG 5000

Optimised control with the EPG 5000

- Manual setting on site or automatic operation via external interface (analogue or CAN bus)
- Adapted high voltage in real time in accordance with the shape of the workpiece
- High voltage can remain switched on during gaps in spraying – optimised spray results, e.g. on window frames
- High voltage is switched off during flushing and pauses in spraying
- Control of an external valve for rapid switching on long lines
- Operation with 2K control supported

Fail safe operation

Maximum user safety thanks to automatic switch-off of high voltage during flushing processes, pauses in spraying or earthing defects.

Improved process safety

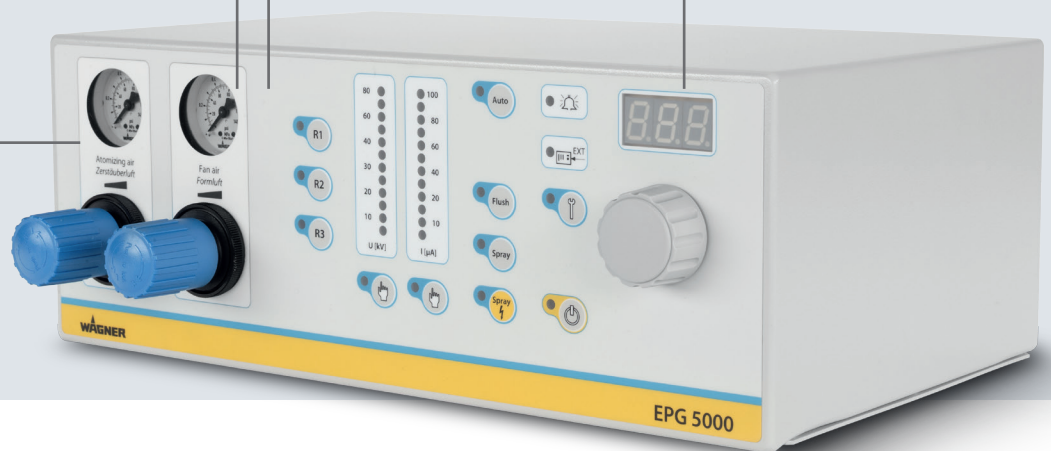
Safety and memory function of all kinds of control areas through password entry minimises setting errors and the number of rejected parts.

All in one

Ideal for individual coating requirements – the intelligent control of the EPG 5000 combines high voltage and pneumatic control functions.

Full control of electrostatics

Real-time setting or adjustment of high voltage via external signal to EPG 5000 controller.



In addition to single devices, WAGNER also offers complete spraypacks and all-in-one solutions for robot connections or lifting equipment:

- For low-pressure applications with 1-4 guns, including pump, suction hose, release combination, material pressure regulator
- For high-pressure applications with 1-4 guns, including pump, suction hose, release combination, material pressure regulator
- Lifting equipment



Technical data

Characteristics	GA 5000EA	GA 5000EAW	GA 5000 EAC	GA 5000EACW
Output voltage	80 kV	80 kV	80 kV	80 kV
Output current	100 µA	100 µA	100 µA	100 µA
Max. atomiser pressure	8 bar	8 bar	8 bar	8 bar
Max. material pressure	8 bar	8 bar	250 bar	250 bar
Length	272 mm	272 mm	290 mm	290 mm
Width	74 mm	74 mm	74 mm	74 mm
Height	135 mm	135 mm	135 mm	135 mm
Material connection for gun	G ¼"		NPS ¼"	
Atomiser air connection	D10	D10	D10	D10
Forming air connection	-*/D8	-*/D8	-*/D8	-*/D8
Control air connection	D6	D6	D6	D6
Weight	1.2 kg	1 kg	1.2 kg	1 kg
Working temperature	0 °C - 40 °C 32 °F - 104 °F	0 °C - 40 °C 32 °F - 104 °F	0 °C - 40 °C 32 °F - 104 °F	0 °C - 40 °C 32 °F - 104 °F
Maximum material temperature	50 °C 122 °F	50 °C 122 °F	50 °C 122 °F	50 °C 122 °F

* No forming air connection for IC versions

Characteristics	EPG 5000
Input voltage	115 - 230 VAC, 50 Hz / 60 Hz
Input power	max. 40 W
Input current	max. 0.5 A
Output voltage	max. 20Vpp
Output current	max. 1.0 A AC
High-voltage restriction	80 kV
Spraying current restriction	100µA
Polarity	For negative HV generators
Protection class	IP 40
Incoming air pressure	4.0 – 8.0 bar; 0.4 – 0.8 MPa; 58.02 – 116.03 psi
Working temperature	0 °C - 40 °C 32 °F - 104 °F
Weight	6.7 kg
Width	370 mm / 14,57 inch
Height	136 mm / 5,35 inch
Depth	295 mm / 11,61 inch
Max. number of guns	1

Available versions

	Low pressure	High pressure	Internal air control	External air control	Solvent-based paint	Water-based paint
GA 5000 EA IC	•		•		•	
GA 5000 EA EC	•			•	•	
GA 5000 EAC IC		•	•		•	
GA 5000 EAC EC		•		•	•	
GA 5000 EAW IC	•		•			•
GA 5000 EAW EC	•			•		•
GA 5000 EACW IC		•	•			•
GA 5000 EACW EC		•		•		•

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