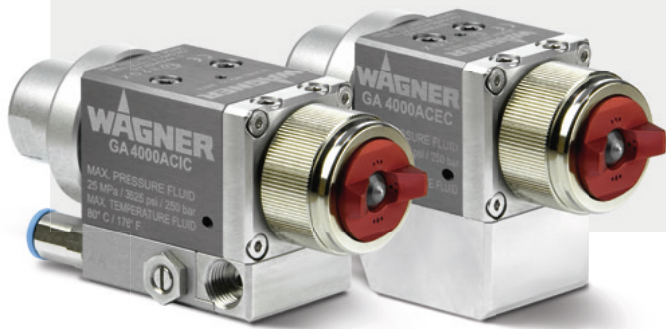


The ideal combination of application speed, efficiency and excellent surface quality.

AirCoat combines the advantages of airless and air atomizing spray technology. In addition to an excellent coating quality and significantly lower spray pressure than with airless, the AirCoat process also enables a higher working speed and less overspray than with airspray applications. The WAGNER AirCoat manual and automatic guns are suitable for a wide range of applications.

- Excellent atomization quality
- Very high process reliability
- Ultra light and compact



AirCoat automatic guns

The GA 4000AC is part of a modular system. The wide range of nozzles, air caps, base plates, connection options and mounting elements allows integration into any application environment. The range distinguishes between an internally and externally controlled variant:

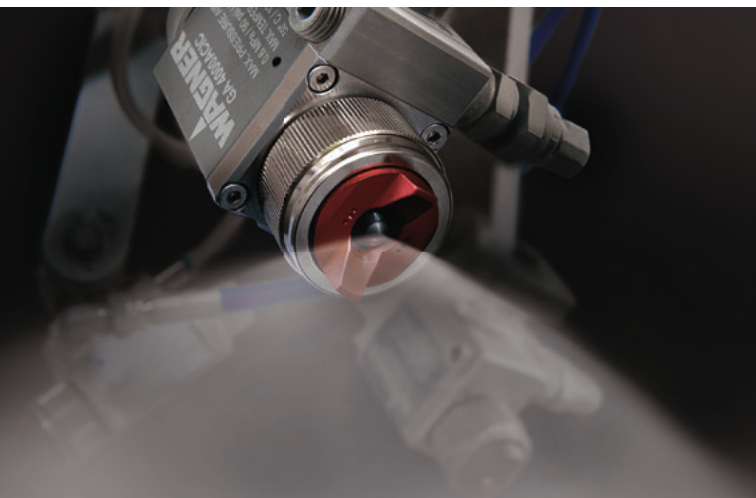
- Internal control (IC): Air management of the forming and atomizing air in the gun. To ensure a perfect spray jet right from the start, the air is activated before the material valve is opened.
- External control (EC): Enables independent adjustment of the forming and atomizing air through external regulation and control valves.



AirCoat manual guns

The WAGNER AirCoat manual guns are extremely compact and make manual coating work much easier. With various adjustment options and extensive accessories, the guns can be adapted to a wide range of applications. Two different sized versions are available:

- The ultra-light and small GM 4100AC, equipped with a simple gap filter.
- The compact GM 4700AC with the innovative WAGNER cage filter that can be changed without tools.



GM 4100AC & GM 4700AC - Crucial advantages for manual coating

High transfer efficiency

The fine and homogeneous atomization combined with a uniform droplet size ensures a very high transfer efficiency.

Easy forming air adjustment

For additional fine adjustment of the selected nozzle spray angle.

Manually removable filter

No tools are required to change the WAGNER cage filter on the GM 4700AC. The simple handling reduces downtimes to a minimum.

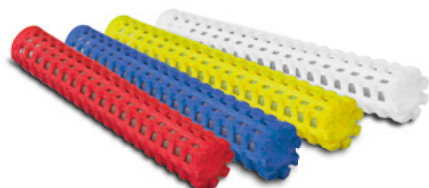
Ergonomic design

Both the GM 4100AC and the GM 4700AC enable fatigue-free working thanks to their ergonomics, low weight and reduced holding and trigger forces. Two swivel joints for material and air connection further support this comfort.



WAGNER cage filter

The special gun filter ensures clean collection of dirt particles inside the filter and can be replaced quickly and easily by hand. Due to its high storage volume, it has a significantly longer service life than other commercially available filters. This also means that fewer filter changes are necessary.



GM 4700AC

GM 4100AC

AirCoat guns

GA 4000AC - Efficient automatic coating with high surface quality

Small and lightweight

The compact and lightweight GA 4000AC can be integrated perfectly into both newly installed and existing motion technology.

Short switching times

Paint and air valves are switched very quickly. This results in an extremely precisely controlled coating and low overspray.

High durability

The packing system between valve stem and gun is very low-friction and durable. The variant with pre-assembled packing cartridge reduces the service effort considerably.

Easy gun change

For maintenance, the GA 4000 can be dismantled and changed with four screws. The base plate system ensures that the gun is always mounted in the same position. All hoses remain on the base plate.

Fine atomization and high application efficiency

The special design of the air ducts ensures a uniform atomizing and forming air flow, so that a homogeneous spray pattern is always produced, regardless of the angular position of the air cap.

Forming air adjustment

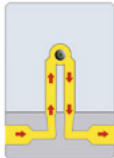
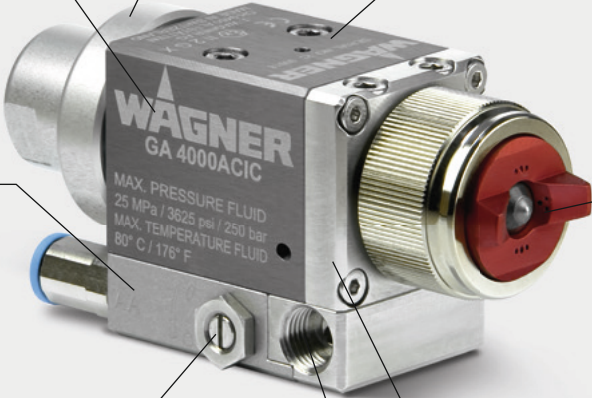
With the internally controlled gun (GA 4000 ACIC), the spray jet width can be easily adjusted.

High material compatibility

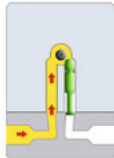
All parts in contact with the material are made of stainless steel. This means that the gun can be used with all coating materials.

Stitch or circulation mode

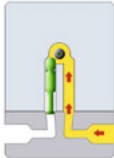
By inserting a locking pin in the base plate, the gun can be used in stitch operation as well as with circulation. Adjustments are easily possible.



Circulation



No circulation
Connection left

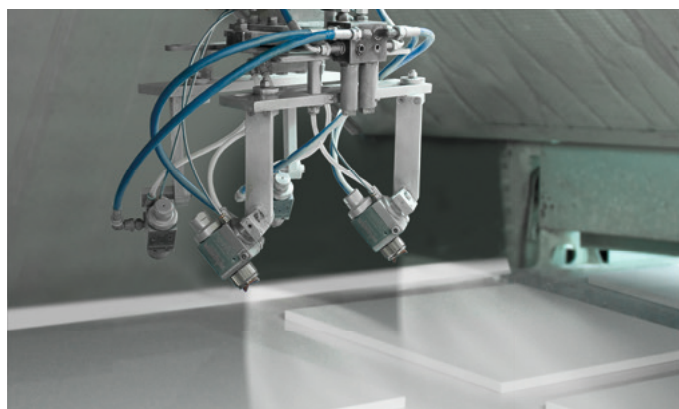


No circulation
Connection right

Technical data

Manual guns	GM 4100AC	GM 4700AC
Material pressure max.	160 bar 250 bar	160 bar 250 bar
Air pressure max.	8 bar	8 bar
Weight	385 g	536 g
Weight (ready to spray*)	437 g	596 g
Material connection	NPSM 1/4"	NPSM 1/4"
Air connection	G 1/4"	G 1/4"
Material temperature max.	55 °C	55 °C 80 °C (GM 4700ACH)
Wetted parts	Stainless steel	Stainless steel
Length	206 mm	211 mm
Width	173 mm	173 mm

* Includes gun body, base plate, air cap and nozzle



Processable materials

- Stains, clear lacquers & paints
- Solvent-based & water-based materials
- PU & epoxy
- 2-component materials
- High-solids materials

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Application areas

- Wood & furniture industry
- Metal industry
- Agricultural & construction machinery

Automatic guns	GA 4000ACIC	GA 4000ACEC
Material pressure max.	250 bar	250 bar
Air pressure max.	6 bar	6 bar
Switching time (open or close)	25 ms	25 ms
Weight gun body	481 g	424 g
Weight (ready to spray*)	678 g	637 g
Material connection	G 1/4" - I	G 1/4" - I
Air connection	G 1/8" - I	G 1/8" - I
Material temperature max	80 °C	80 °C
Wetted parts	Stainless steel	Stainless steel
Dimensions (gun body)	114 / 45 / 45 mm	100 / 45 / 45 mm
Dimensions (ready to spray*)	129 / 47 / 60 mm	115 / 45 / 60 mm

* Includes gun body, base plate, air cap and nozzle