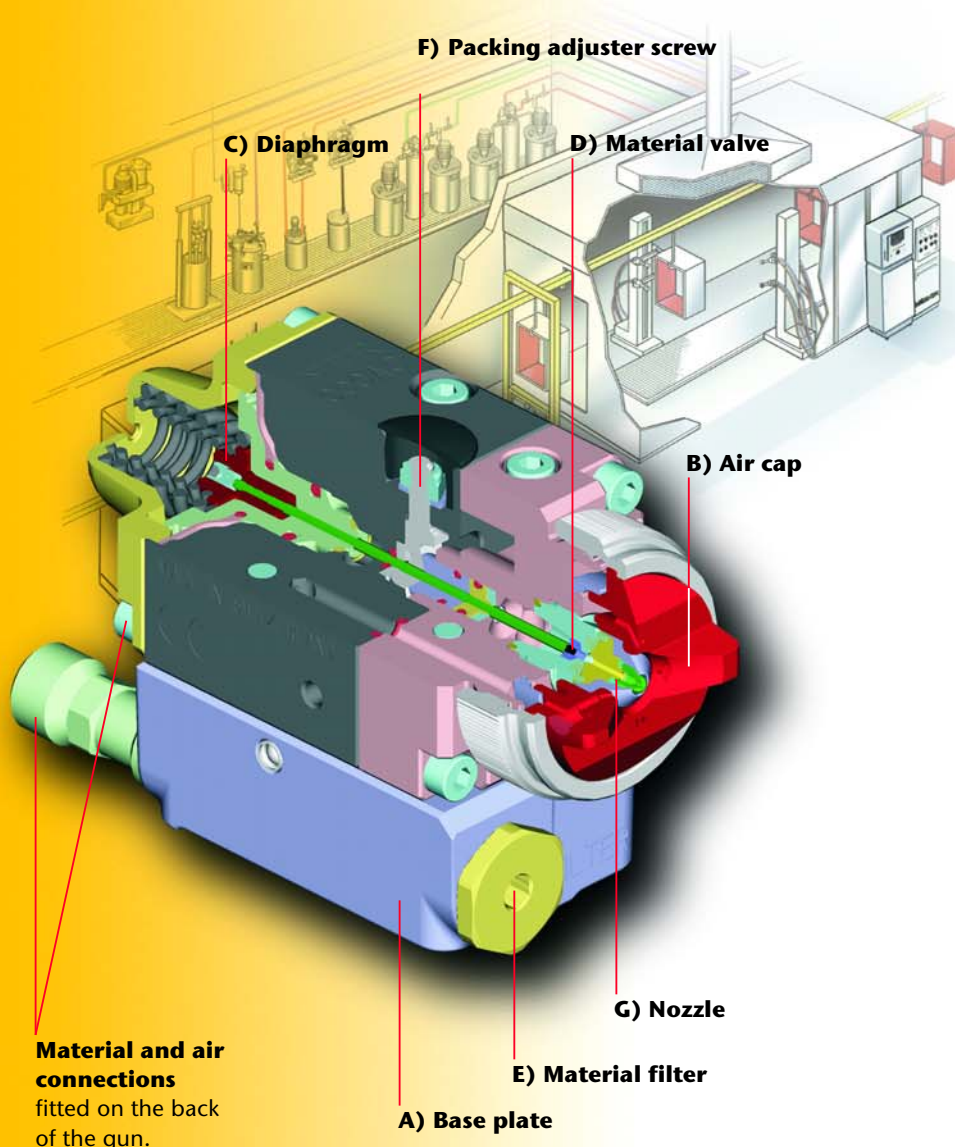


AirCoat Automatic Gun

GA 3000 AC

With the diaphragm drive of the new GA 3000 AC AirCoat automatic guns, Wagner is again setting an innovative high point in surface coating.

The diaphragm needs less than 0.3 seconds to open and close, thus providing more than 200 actuations per minute. The fast actuation cycle provides decisive benefits.



Benefits that convince!

■ Reproducible coating results.

For precise fixing the gun is securely mounted on a **base plate (A)**. The **air cap (B)** can be fixed horizontally or vertically. Adjustment for the spray jet width is in the base plate.

■ Long service life.

Needles driven by a **diaphragm (C)**.

Special coating of the valve needle.

The basic material of the gun is the durable Consistal material.

Material valve (D) made of tungsten carbide.

■ Process reliability.

The **material filter (E)**, integrated into the base plate, ensures a high degree of reliability for the coating process.

Easy **adjustment facilities for the packing (F)** from the outside without dismantling the gun.

■ Optimal adaptation possibilities.

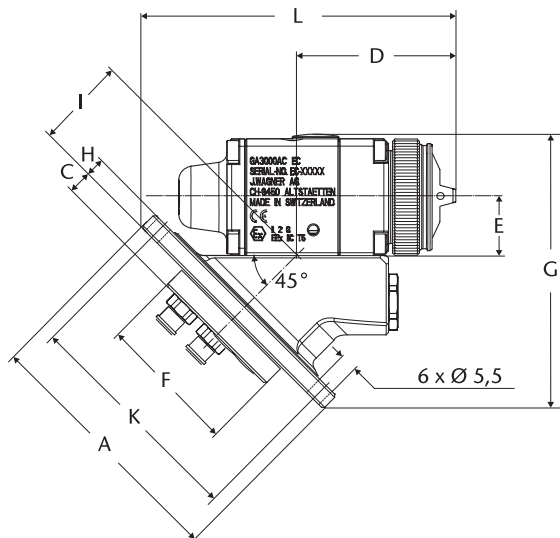
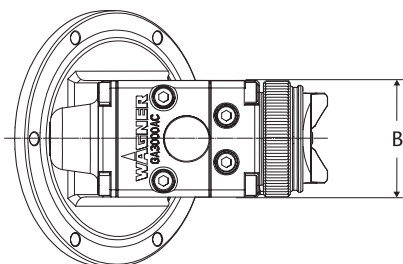
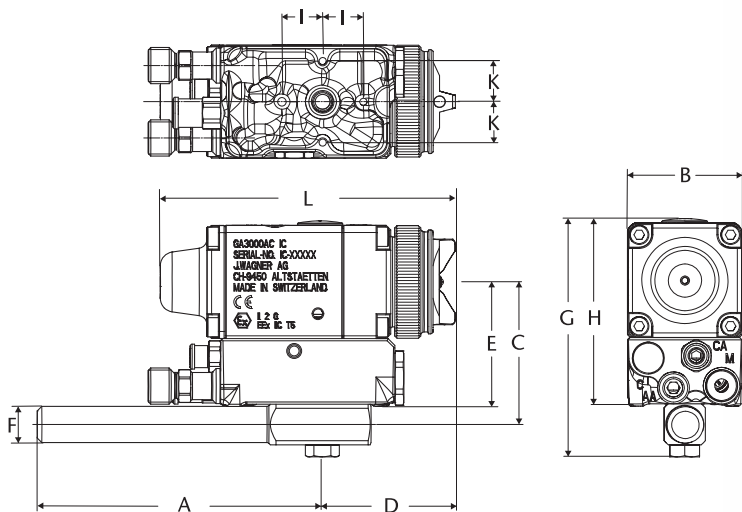
To adapt the gun to water or solvent based materials, a choice can be made between two **air caps (B)**. Blue for water soluble, red for solvent based materials.



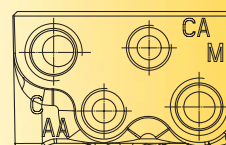
– A choice between internally and externally controlled versions.

■ Easy cleaning

For quick cleaning when the nozzle is blocked, simply reverse the **nozzle (G)** and blow through.



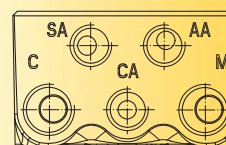
GA 3000 AC IC
Internal control



Base plate
connection details



GA 3000 AC EC
External control



Base plate
connection details

Dimensions

dimensions in mm	GA 3000 AC IC Internal control	GA 3000 AC EC External control	GA 3000 AC EC Robot
Height H	82	82	8
Length L	134	122	135
Width B	50	50	50
A	123.5 / 183.5	123.5 / 183.5	Ø 110
C	62,5	62,5	10
D	59	59	69
E	55	55	25
F	Ø 16	Ø 16	59.8 ± 0.1
G	103	103	117
I	18 ± 0.1	18 ± 0.1	38
K	18 ± 0.1	18 ± 0.1	Ø 100 ± 0.2

Technical data

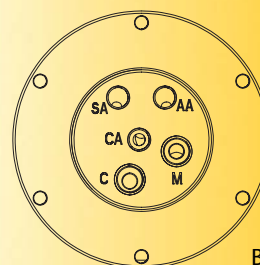
Material pressure max	160 bar	160 bar	160 bar
Air pressure max	6 bar	6 bar	6 bar
Weight	880 g	760 g	1.140 g
Actuation cycles / min.	200	200	200

Connection data

CA = Control air (red)	G 1/8"	G 1/8"	G 1/8"
C = Paint circulation	G 1/4"	G 1/4"	G 1/4"
AA = Atomising air (blue)	G 1/8"	G 1/8"	G 1/8"
M = Material	G 1/4"	G 1/4"	G 1/4"
SA = Shaping air (green)	G 1/8"	G 1/8"	G 1/8"



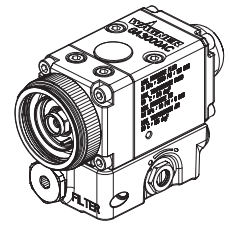
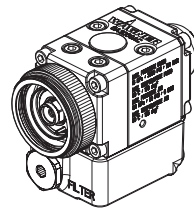
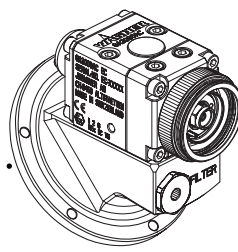
GA 3000 AC EC
Robot



Base plate
connection details

AirCoat Automatic gun

GA 3000 AC



Selection aid / Accessories

Controller variants

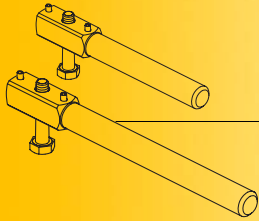
0380 019
GA 3000 AC EC
Robot

0380 010
GA 3000 AC EC
External control

0380 001
GA 3000 AC IC
Internal control

Fitting variants

Direct connection	See dimension table		
120 mm support rod		0380 940	
180 mm support rod			0380 941



Operating variants

Material circulation without sealing pin	●	●	●
No circulation; sealing pin	0380 923	0380 923	0380 923



Filter variants

No filter, operation possible	●	●	●
60 mesh	0380 930	0380 930	0380 930
100 mesh	0380 931	0380 931	0380 931
200 mesh	0380 932	0380 932	0380 932



Material connection variants

Internal thread G 1/4"	See dimension table		
External thread M16x1,5	0380 920	0380 920	0380 920
External thread G 1/4"	0380 921	0380 921	0380 921
External thread NPS 1/4"	0380 922	0380 922	0380 922



Air connection variants

Internal thread G 1/4"	See dimension table		
Push fit connector D6/d4	9998 090	9998 090	9998 090
Push fit connector D8/d6	9998 993	9998 993	9998 993



Atomising variants

AirCoat air cap, flat jet HV for water based materials (blue)	0346 911	0346 911	0346 911
AirCoat air cap, flat jet LV for solvent based materials (red)	0364910	0364910	0364910
AirCoat nozzles, flat / ACF 3000		See nozzle table	
AirCoat nozzles, round / ACR 3000		See nozzle table	
Nozzles inserts for round jet nozzles		See nozzle table	



WAGNER

www.wagner-group.com



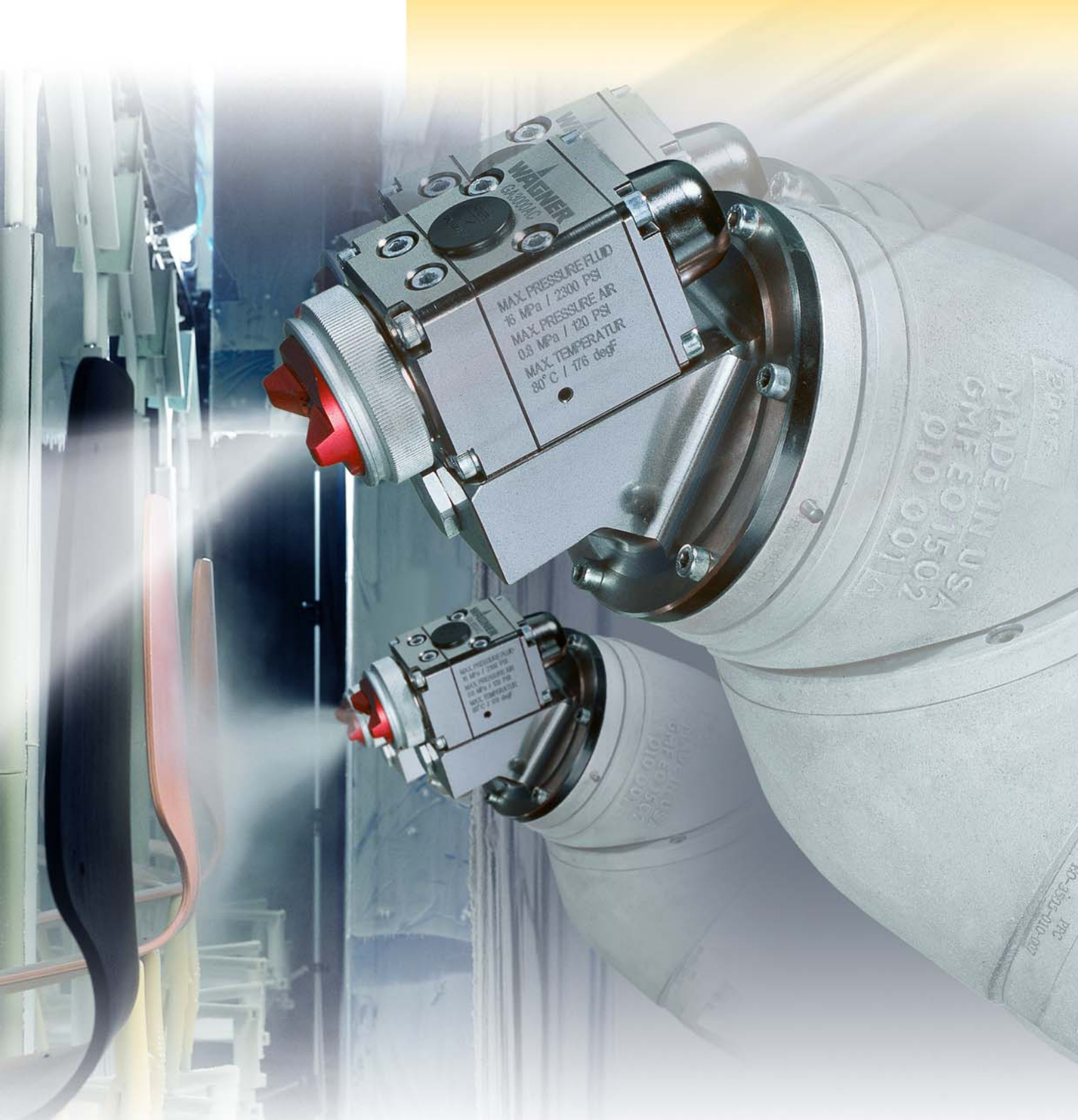
Innovative diaphragm drive

High precision

Universal use

AirCoat Automatic Gun

GA 3000 AC



WAGNER