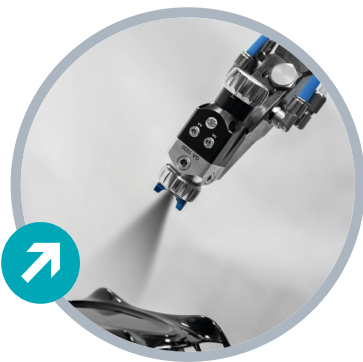




The Coating Experts



UNIVERSALLY APPLICABLE AUTOMATIC SPRAY GUN

The PILOT GA 1030 convinces with excellent atomizing properties and a high-quality spray pattern.

The universal spray gun is particularly low-wear and enables process-safe coating in continuous operation.

PILOT GA 1020/1030

PRODUCT DATA

ATOMIZATION TECHNOLOGY	CONVENTIONAL (HIGH PRESSURE) HVL ^{PLUS} (REDUCED PRESSURE) HVLP
Air cap index	0°, 30°, 60°, 90°, 120°
Nozzle size GA 1020 Nozzle size GA 1030	ø 0,3 - 2 mm ø 0,3 - 3,5 mm
Material passage	ø 9 mm
Weight	< 650 g
Atomization air connection	QS-1/8-8
Control air connection	QS-1/8-6
Material connection	G 1/4"
Air inlet pressure	Max. 8 bar (116 PSI)
Material pressure GA 1020 Material pressure GA 1030	Max. 2,5 bar (36,26 PSI) Max. 8 bar (116 PSI)
Volumetric flow (liter per minute)	Conv 12: 387 HVL ^{PLUS} : 273 HVLP: 299
Switching time	20 msec
Max. material temperature	80 °C
Max. air temperature	50 °C

TYPICAL APPLICATIONS

- ⊕ Wide range of applications
- ⊕ Water- and solvent-based materials (parts in contact with material made of stainless steel)
- ⊕ UV and highly abrasive materials (GA 1020 version with membrane seal)



ADVANTAGE AT A GLANCE:

- ✓ Superior coating quality
- ✓ Precisely manufactured air caps optimized for every nozzle and needle size
- ✓ Optimized air duct design
- ✓ Precise adjustment of the material flow via needle adjustment knob
- ✓ Air supply is interrupted automatically during the coating process as soon as the needle closes
- ✓ Large selection of nozzle and needle sizes for
 - ⊕ Low to high viscosity materials
 - ⊕ Coatings with high solids content
 - ⊕ Adhesives and release agents

ACCESSORIES

Spray Gun for self-configuration

- ⊕ Spray Gun for self-configuration
- ⊕ Direct mounting or via various adapters
- ⊕ Back and side connections for flexible hosing
- ⊕ Internal or external air control
- ⊕ With or without material circulation
- ⊕ Dump valve as option
- ⊕ Fixed needle stroke for external material flow adjustment
- ⊕ Suitable for robotics

LOWEST TOTAL COST OF OWNERSHIP

Lowest spare part consumption

- ⊕ Needle with wear-resistant and low friction coating
- ⊕ Optimized, extra durable needle packing
- ⊕ Two-piece nozzle: Only the nozzle head is exchanged

High product availability

- ⊕ Long maintenance intervals thanks to long-lasting components
- ⊕ Fast exchange of wear and spare parts

Savings in material consumption

- ⊕ Transfer efficiency of up to 88%
- ⊕ Particularly low paint mist thanks to optimized air channel

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