



Mignon 4 – Hand-held spray gun



Technical data

Length/Width/Height:
133/30/165 mm

Weight without cup:
approx. 350 g

Max. material pressure:
0.4 MPA (4 bar)

Nozzle sizes depending on jet type:
0.2 – 2.0 mm

Brief description

The Mignon 4 is a further development of the Mignon 3 and is equipped with the new innovative XLINE nozzle system. The ergonomic, compact shape and the associated low weight in addition to the wide selection of nozzles make the Mignon 4 a hand-held spray gun of universal use.

The material can be supplied via a gravity feed cup or be pressurised (pump, material pressure container) directly via the connection in the handle.

Material volume control via the needle stroke adjustment with counter nut enables continuous, fine dosing.

The XLINE air nozzle system offers the following advantages:

- Optimisation of the air nozzle via numerical flow simulation
- Material changed to anodised aluminium; available in stainless steel on request
- Automated 100% check of the air nozzles integrated in the production process
- Improved function of the air nozzles
- Improved handling of the air nozzles
- Colour-coded identification of spray procedures
- Very fine atomisation
- Broad, homogeneous spray pattern
- Easily adjusted spray pattern
- High level of application efficiency

Special features

- Handle made of lightweight, solvent-resistant and ergonomically shaped plastic
- Removable head section made of aluminium; stainless steel also available on request
- Also available with Krautzberger HVLP system
- Material supply either in the handle (Mignon 4P) or via gravity feed cups (Mignon 4S)
- Improved handling and fatigue-free work
- Cup made of plastic and aluminium available
- XLINE nozzle system, 100% control of the air nozzles (spray pattern)

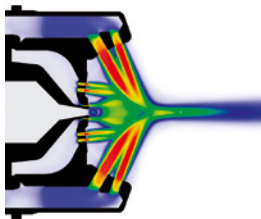


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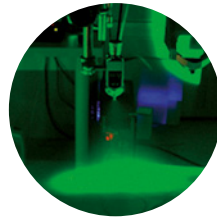
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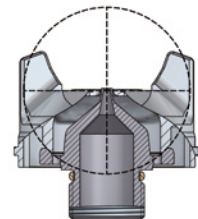
Optimisation via numerical flow simulation

Further improved transfer rates through the optimisation of interior geometry
 Reduced soiling due to new exterior design



Automated 100% control integrated in production process

Zero defect strategy for continuous quality improvement
 Improved reproducibility of the spray patterns



Functional improvement of the air nozzles

Optimal centring of the fluid nozzle and the air nozzle through a spherical system
 Improved separation of flat and round jet air



Standard finishing in anodised aluminium

Significant weight reduction (up to 60%)
 Easier cleaning
 For higher requirements also available in stainless steel, e.g. for use in the food and pharmaceutical industry



Improved handling and simple nozzle adjustment

Trapezoid threads enable insertion and tightening in one step
 Simple and exact positioning and fixation of the air nozzle



Colour-coded identification of the spray procedures

- BLUE
conventional compressed air
- DARK GREEN
HVLV procedure
- LIGHT GREEN
LVLV procedure



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