

XLINE
PERFECTION | QUALITY | PERFORMANCE

RA 6 Automatic spray gun



RA 6

The XLINE RA 6 automatic spray gun stands out in every application area thanks to its design and modern features. The RA 6 is controlled entirely externally, can be equipped with a quick-change system, and offers all the modern features of the Krautzberger XLINE series. Our XLINE production and testing procedures enable us to integrate a complete check of our air nozzles into our process. The RA 6 therefore offers high precision and reproducibility in fully automated processes.

- XLINE nozzle system
- Easy maintenance
- Compact construction
- Modern design
- Dual control enables rapid switching cycles
- Body available in aluminium or stainless steel
- Air cap fixation, adjustment in 45° intervals

- Flexible jet geometry, separate round jet and flat jet control
- Easy-to-change needle and needle seal
- Quickly detachable locking piece
- Wear is reduced thanks to the needle being decoupled from the piston
- Spray gun can be changed without tools
- Spray gun can be changed without readjustment to ensure reproducible coating quality
- Large material channel cross-sections
- Needle stroke adjustment optionally available
- Various seal packs available for a wide range of media
- Also available with Krautzberger HVLP system – the RA 6 and the RA 6 HVLP
- Also available with Krautzberger XLINE extensions – the RA 6 V and the RA 6 HVLP

Technical data

Dimensions

Height: 75 mm
Length: 121.5 mm
Width without retaining bolt: 40 mm
Width with retaining bolt: 94 mm

Weight

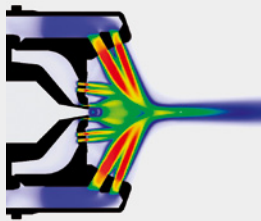
Aluminium design including adapter: approx. 520 g
Stainless steel design including adapter: approx. 970 g

Connections

Material connection: 1/8 inch
Control air connection: M5
Atomiser air: 1/8 inch

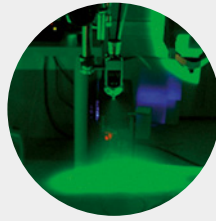
Operating pressures

Air connection, max.: 8 bar
Material connection, max.: 12 bar



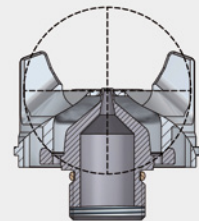
Optimisation via numerical flow simulation

- 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** HVLP procedure
- **LIGHT GREEN** LVLP procedure