AGR-09 mini
Automatic gun for low-pressure air atomization

Function Description
The automatic gun AGR-09 mini is a high-performance spraying system for low-pressure air atomization. The automatic gun is mounted on the mobile unit via an intermediate plate and an adapter. The quick locking device on the intermediate plate allows fast and efficient changing – e.g. for maintenance.

Advantages
• Less weight (450g)
• Easy to clean and easy installation
• Excellent purgeability
• Particularly suitable for a small amount of paint flow
• Round pattern possible
• Small assembly permits an optimal programming

Features
• Gun change in seconds
• Accurate and fast switching frequency
• Stainless steel media-conveying parts
• Also suitable for hydro paints
• Separate control for horn and atomizer air for optimal control of jet geometry
• Adjustment of needle stroke (option)

Version with module adapter for hollow-wrist robot

Version with machine adapter
### Technical Data

**Automatic gun AGR-09 mini**

- **Spray system:** AGR-09 mini  
  - Low-pressure air atomization
- **Max. pressures:**  
  - 0 to 14 bar material (MAT)  
  - 6 bar control air (CYL)  
  - 9 bar atomizer air (ATOM) and fan air (FAN)
- **Switching times:**  
  - < 60 msec. at 5,8 bar control air
- **Weight:**  
  - 450 g
- **Materials:**  
  - Spray head: Stainless steel 1.4305  
  - Paint needle (standard): Stainless steel 1.4305  
  - Nozzle (standard): Stainless steel 1.4305 incl. plastic insert (POM)  
  - Needle pack: UHMPE  
  - Piston: POM  
  - Head holder, end plate: AlZnMgCu1,5 blue anodized  
  - Air cap: Brass, chemically nickel-plated  
  - Air cap retaining ring: Brass, chemically nickel-plated  
  - Material-contacting seals: VITON EX for solvent-based coatings

### Comparison spray pattern

- Reiter 12-hole-nozzle
- Standard nozzle

### Advantages

- Soft, uniform spray pattern
- Smooth edges
- Better material flow

### Dimensions