



Equipment

| Designation | Resistivity (High/Medium/Low) | Coil | Spray type | Nozzle size | Spray Width | Hose length | Part number |
|------------------|-------------------------------|------|------------|-----------------|-------------|---------------|--------------|
| NANOGUN AIRSPRAY | High | | Flat | | 37 cm | 7.5 m (25 ft) | 910017223-07 |
| NANOGUN AIRSPRAY | High | | Round | 8 mm (.315 in) | 20 cm | 7.5 m (25 ft) | 910017224-07 |
| NANOGUN AIRSPRAY | High | | Round | 12 mm (.472 in) | 21 cm | 7.5 m (25 ft) | 910017741-07 |
| NANOGUN AIRSPRAY | High | ◆ | Flat | | 37 cm | 7.5 m (25 ft) | 910020036-07 |
| NANOGUN AIRSPRAY | High | ◆ | Round | 8 mm (.315 in) | 20 cm | 7.5 m (25 ft) | 910022359-07 |
| NANOGUN AIRSPRAY | High | | Flat | | 37 cm | 15 m (50 ft) | 910017223-15 |
| NANOGUN AIRSPRAY | High | | Round | 8 mm (.315 in) | 20 cm | 15 m (50 ft) | 910017224-15 |
| NANOGUN AIRSPRAY | High | | Round | 12 mm (.472 in) | 21 cm | 15 m (50 ft) | 910017741-15 |
| NANOGUN AIRSPRAY | High | | Flat | | 37 cm | 25 m (80 ft) | 910017223-25 |
| NANOGUN AIRSPRAY | Medium | | Flat | | 37 cm | 7.5 m (25 ft) | 910025622-07 |
| NANOGUN AIRSPRAY | Medium | | Round | 8 mm (.315 in) | 20 cm | 7.5 m (25 ft) | 910025620-07 |
| NANOGUN AIRSPRAY | Medium | | Round | 12 mm (.472 in) | 21 cm | 7.5 m (25 ft) | 910025621-07 |
| NANOGUN AIRSPRAY | Medium | | Flat | | 37 cm | 15 m (50 ft) | 910025622-15 |
| NANOGUN AIRSPRAY | Medium | | Round | 8 mm (.315 in) | 20 cm | 15 m (50 ft) | 910025620-15 |
| NANOGUN AIRSPRAY | Medium | | Round | 12 mm (.472 in) | 21 cm | 15 m (50 ft) | 910025621-15 |
| NANOGUN AIRSPRAY | Low | | Flat | | 37 cm | 7.5 m (25 ft) | 910017221-07 |
| NANOGUN AIRSPRAY | Low | | Round | 6 mm (.236 in) | 19 cm | 7.5 m (25 ft) | 910022100-07 |
| NANOGUN AIRSPRAY | Low | | Round | 8 mm (.315 in) | 20 cm | 7.5 m (25 ft) | 910017222-07 |
| NANOGUN AIRSPRAY | Low | | Round | 12 mm (.472 in) | 21 cm | 7.5 m (25 ft) | 910017742-07 |
| NANOGUN AIRSPRAY | Low | | Flat | | 37 cm | 15 m (50 ft) | 910017221-15 |
| NANOGUN AIRSPRAY | Low | | Round | 8 mm (.315 in) | 20 cm | 15 m (50 ft) | 910017222-15 |
| NANOGUN AIRSPRAY | Low | | Round | 12 mm (.472 in) | 21 cm | 15 m (50 ft) | 910017742-15 |
| NANOGUN AIRSPRAY | Low | | Round | 8 mm (.315 in) | 20 cm | 25 m (80 ft) | 910017222-25 |

Accessories

| Designation | Part number |
|-------------------------------------|-------------|
| Fan spray air cap | 900009014 |
| Fan spray nozzle | 1406402 |
| Round spray 6 mm (.236 in) air cap | 900011365 |
| Round spray 6 mm (.236 in) nozzle | 910018322 |
| Round spray 8 mm (.315 in) air cap | 900010503 |
| Round spray 8 mm (.315 in) nozzle | 910003847 |
| Round spray 12 mm (.472 in) air cap | 900010504 |
| Round spray 12 mm (.472 in) nozzle | 910003920 |

Nanogun Airspray

Low Pressure Manual Electrostatic Gun

Electrostatic / Manual Guns



THE ONE AND ONLY MANUAL ELECTROSTATIC GUN LOW PRESSURE

- High Transfer Efficiency for unrivaled paint savings
- Optimum Coverage for outstanding finishing application
- The Lightest electrostatic gun for the comfort of the operators



Markets

Nanogun Airspray

Low Pressure Manual Electrostatic Gun

The Nanogun Airspray is specially designed for spraying liquid solvent-based materials at low pressures in many markets. Its lightweight and its ergonomic design make it the best choice for the operators to improve their comfort.



Taking full advantage of our 70 years of expertise with electrostatic technology, SAMES KREMLIN has developed the only electrostatic gun to spray with BOTH high Voltage and high Current, certifying optimal paint charge and efficient paint transportation to the part. This combination delivers up to 20% higher transfer efficiency compared to previous gun designs.

The Nanogun Airspray, low pressure manual electrostatic gun, is suitable for many markets, such as aerospace, agricultural & construction, metallic furniture, wood and automotive industries.

Paint may be supplied to the gun via a pump, a pressure tank or a circulating. When spraying, the charged paint drops will follow the lines of the electric field to the part. Electrostatics produce a paint savings and wraparound effect which reduces overspray and pollution. Adding compressed air to it allows enhanced penetration into cavities.

Technical data table

| Designation | Value | Unit: metric (US) |
|--------------------------------------|------------|-------------------|
| Maximum Fluid Pressure | 7 (101) | bar (psi) |
| Maximum Fluid Outlet | 750 (25) | cc/min (oz/min) |
| Minimum Fluid Outlet | 100 (3.38) | cc/min (oz/min) |
| Maximum Air Pressure | 7 (101) | bar (psi) |
| Maximum Fluid Temperature | 45 (113) | °C (°F) |
| Trigger Lock Safety | ♦ | |
| Recommended Material Viscosity Range | 14 - 50 | s CA4 |
| High Voltage (maximum) | 60 | kV |
| Current | 80 | µA |
| Weight | 488 (17) | g (oz) |

Technologies



ATEX Regulation



Electrostatic



Airspray HPA™



HVLP



Vortex

Performance

- 1 Automatic control of high voltage to maintain constant paint charge for higher Transfer Efficiency
- 2 Optimal wrap-around and penetration effects for unrivaled paint savings with BOTH high current and high voltage
 - ♦ High-quality coverage and regular thickness for outstanding finishing application
 - ♦ Wide range of viscosities to cover all product specifications at reduced costs

Productivity

- 3 Air and paint flows easily adjustable with intuitive knobs
- 4 Spray change from flat to round type is fast and simple
- 5 High Voltage triggered when needle moves – no pressure sensor for higher safety
- 6 GNM 6080 control module provides smart diagnostics for improved maintenance
 - ♦ The lightest electrostatic gun of the market

Sustainability

- 7 Quick disconnect for enhanced maintenance
- 8 External paint circuit with simplified access for replacement
- 9 Coil fluid hose to allow safe application of metallic paints
 - ♦ Reduced Total Cost of Ownership with around 30% less wearable parts than market standards
 - ♦ Reliable quality of raw materials for tough use and long lifetime

Description

