



Equipment

Designation	Resistivity (High/Medium/Low)	Pressure	Hose length	Part number
NANOGUN AIRMIX®	High	120 bar (1764 PSI)	7.5 m (25 ft)	910021113-07
NANOGUN AIRMIX®	High	120 bar (1764 PSI)	15 m (50 ft)	910021113-15
NANOGUN AIRMIX®	High	120 bar (1764 PSI)	30 m (100 ft)	910021113-30
NANOGUN AIRMIX®	High	200 bar (2940 PSI)	7.5 m (25 ft)	910021115-07
NANOGUN AIRMIX®	High	200 bar (2940 PSI)	15 m (50 ft)	910021115-15
NANOGUN AIRMIX®	High	200 bar (2940 PSI)	30 m (100 ft)	910021115-30
NANOGUN AIRMIX®	Medium	120 bar (1764 PSI)	7.5 m (25 ft)	910025958-07
NANOGUN AIRMIX®	Medium	120 bar (1764 PSI)	15 m (50 ft)	910025958-15
NANOGUN AIRMIX®	Medium	120 bar (1764 PSI)	30 m (100 ft)	910025958-30
NANOGUN AIRMIX®	Medium	200 bar (2940 PSI)	7.5 m (25 ft)	910025959-07
NANOGUN AIRMIX®	Medium	200 bar (2940 PSI)	15 m (50 ft)	910025959-15
NANOGUN AIRMIX®	Medium	200 bar (2940 PSI)	30 m (100 ft)	910025959-30
NANOGUN AIRMIX®	Low	120 bar (1764 PSI)	7.5 m (25 ft)	910021114-07
NANOGUN AIRMIX®	Low	120 bar (1764 PSI)	15 m (50 ft)	910021114-15
NANOGUN AIRMIX®	Low	120 bars (1764 PSI)	30 m (100 ft)	910021114-30
NANOGUN AIRMIX®	Low	200 bar (2940 PSI)	7.5 m (25 ft)	910021116-15
NANOGUN AIRMIX®	Low	200 bar (2940 PSI)	7.5 m (25 ft)	910021116-07
NANOGUN AIRMIX®	Low	200 bar (2940 PSI)	15 m (50 ft)	910021116-30

Accessories

Designation	Tips Water flow rate (cc/min) at 120 bar	Water flow rate (cc/min) at 200 bar	Fan width (cm) at dist. = 25 cm	Part number
NOZZLE 03-071	200	260	17	130001563
NOZZLE 04-051	290	380	12	130001564
NOZZLE 04-071	290	380	17	130001565
NOZZLE 04-091	290	380	21	130001566
NOZZLE 04-111	290	380	25	130001414
NOZZLE 04-131	290	380	29	130001415
NOZZLE 06-091	430	570	21	130001416
NOZZLE 06-111	430	570	25	130001417
NOZZLE 06-131	430	570	29	130001418
NOZZLE 06-151	430	570	33	130001419
NOZZLE 09-091	590	770	21	130001420
NOZZLE 09-111	590	770	25	130001421
NOZZLE 09-131	590	770	29	130001422
NOZZLE 09-151	590	770	33	130001423
NOZZLE 12-111	790	1030	25	130001425
NOZZLE 12-131	790	1030	29	130001426
NOZZLE 12-151	790	1030	33	130001427
NOZZLE 14-091	940	1230	21	130001428
NOZZLE 14-111	940	1230	25	130001429
NOZZLE 14-131	940	1230	29	130001430
NOZZLE 14-151	940	1230	33	130001431
NOZZLE 14-171	940	1230	37	130001432

Nanogun Airmix® Manual

Electrostatic Medium Fluid Pressure Spray Gun



Electrostatic / Manual Guns

THE BEST COMBINATION FOR PRODUCTIVITY

- Electrostatic effect combined to Airmix® atomization raises up the transfer efficiency to an unreached level of 93%
- Excellent material distribution and fine particle size control for outstanding finishing quality
- Lightweight and enhanced ergonomics for increased operators' comfort



AGRICULTURAL



CONSTRUCTION



INDUSTRIAL



TRANSPORTATION



WOOD

Markets



Nanogun Airmix® Manual

Electrostatic Medium Fluid Pressure Spray Gun

SAMES KREMLIN's know how in tip design and skills in electrostatic paint application have been gathered in the Nanogun Airmix® to offer the best for spraying liquid solvent-based materials at medium pressures in many markets.

SAMES KREMLIN is the creator of Airmix® which brings, since 1975, the perfect mix between quality and productivity to provide today's industry standard for medium pressure atomization. Taking also full advantage of its 70 years of expertise with electrostatic technology, SAMES KREMLIN has developed the perfect combination to offer the best transfer efficiency of the market as well as incomparable finishing application.

The Nanogun Airmix®, available in 2 pressure calibrations of 120 and 200 bar (1740 and 2900 psi), meets a wide range of application requirements and is suitable for many markets, such as aerospace, agricultural, construction, metallic furniture, wood, transportation and energy. It is excellent for spraying products with a wide range viscosity to reduce worktime, paint use and costs with improved results.

The Nanogun Airmix® makes a difference with its lightweight, ergonomic design and excellent wrap-around effect, thus improving the overall operators' experience. Paint may be supplied to the gun by using a pump. When spraying, the charged paint drops follow the lines of the electric field to the grounded object part. Electrostatics result in paint savings and wrap-around effect reducing overspray and pollution. Adding compressed air to it allows enhanced penetration into cavities and a finer spray pattern.

Technical data table

Designation	Value	Unit: metric (US)
Maximum Fluid Pressure	120 / 200 (1740 / 2900)	bar (psi)
Recommended Fluid Pressure	50-120 / 90-200 (720-1740/1300-2900)	bar (psi)
Maximum Fluid Outlet	1230 (42)	cc/min (oz/min)
Minimum Fluid Outlet	100 (5)	cc/min (oz/min)
Maximum Air Pressure	7 (101)	bar (psi)
Recommended Air Pressure (min)	5 (72)	bar (psi)
Transfer Efficiency	93	%
Maximum Fluid Temperature	40 (104)	°C (°F)
Trigger Lock Safety	♦	
Recommended Material Viscosity Range	20-120	s CA4
High Voltage (maximum)	60	kV
Current	80	µA
Weight	670 (23.6)	g (oz)
ATEX Certification	II 2 G 0,24 mJ	
High Voltage Control Module	GNM6080: II (2) G [0,24 mJ]	

Technologies

ATEX

ATEX Regulation



Airmix® spray technology



Electrostatic

Performance

- 1 Automatic control of high voltage to maintain constant paint charge for unmatched Transfer Efficiency of 93%
 - 1 Independent settings for perfect process control
 - 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 and type of solvent based materials 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
 - 4 High quality tungsten carbide tips, individually tested, with repeatable spraying application
 - 5 High Voltage triggered when needle moves: no pressure sensor for higher safety
 - 6 GNM 6080 control module provides smart diagnostics for improved maintenance
- ♦ Lightweight and enhanced ergonomics for increased operators' comfort

Sustainability

- 7 Quick Disconnect for enhanced maintenance
 - 8 External Paint Circuit with simplified access for replacement
- ♦ Reduced Total Cost of Ownership with around 30% less wearable parts than market standards
 - ♦ Reliable quality of raw materials and components for tough use and long lifetime

Description

