

Nanogun Airmix®


Manual electrostatic airmix® gun



- Airmix® technology for productivity and outstanding transfer efficiency of 93%
- Electrostatic charge delivers more paint savings
- Lightweight and ergonomically designed


Nanogun Airmix® Manual Electrostatic gun is designed for applying solvent-based materials.

Available in 2 pressure calibrations, 120 and 200 bars (1740 and 2900 psi), it meets a wide range of application requirements.

 0.5 to 500 MΩ.cm

 488 g

 60 kV
80 μA

 up to 1230 cc/min



FIELD OF APPLICATION

- Aerospace
- Aluminium profiles
- Metallic furniture
- Agricultural & construction equipment
- Cycles & Motorcycles
- Automotive OEM, Tier One and Tier Two
- Wood industry




www

Nanogun Airmix®


CUSTOMERS' BENEFITS

- Premium performance for exceptional finish
- High productivity and transfer rate (93%)
- Very wide range of AIRMIX® tips
- Increased user comfort and reduced fatigue
- Easy to maintain:
 - reduced number of components
 - advanced diagnostics via the control module
 - ready to use


Intuitive controls

- High voltage On/Off
 - Pattern width
- 

Enhanced ergonomics

- Grip & barrel design for comfortable use
 - Lightweight
 - Perfectly balanced
 - Quick disconnect version
 - Flexible hoses
- 

Airmix® spray aircap

- All the SAMES KREMLIN know-how have been gathered in designing the tip to provide unrivalled spray atomization and finishing quality
 - Homogeneity of the spray, less overspray
- 

GNM 6080 Control Module



- Easy to maintain:
 - Scheduled alert
 - Diagnostic alert
- Easy to use:
 - kV setup value
 - 3 presets
 - High visibility of the display value

Technical Data

GUN	Nanogun Airmix®
Gun weight without hoses or cables	640 g
Gun length	310 mm
Hose lengths available	7.5 m, 15 m and 30 m (option)
Type of spray	Adjustable flat spray
Spray width, 250 mm away	120 to 370 mm
Pneumatic supply	Nanogun Airmix®
Max air supply pressure	7 bar (101psi)
Product supply	Nanogun Airmix®
Paint flow rate - water	from 250 to 1230 ⁽¹⁾ cc/min.
Max paint supply pressure	200 bar (2900psi)
Recommended product viscosity	20 to 120 seconds CA4 Cup
Max fluid temperature	40 (°C)

(1): depending on viscosity and gun version

High Voltage	GNM6080
Voltage maxi.	60 kV
Current maxi.	80 µA

ATEX marking:

NANOGUN Airmix®

CE 0080 Ex II 2 G

0.24 mJ
INERIS14ATEX0014

C1 L GP D, Spray Mfl
Refer to manual 7115



GNM6080:

CE 0080 Ex II (2) G

[0.24 mJ]
INERIS14ATEX0014



Control module should not be installed in an ATEX zone (potentially explosive).

4 VERSIONS TO MEET ALL YOUR NEEDS:



NANOGUN VERSION:	Compatible with			Working with paint resistivity (MΩ.cm)	Recommended working pressure (bar)
	solvent based paint		water based paint		
	HR	LR	H2o		
Airmix® 120	√			10 to 500	60 - 120
		√		0.5 to 200	
			√	few kΩ.cm	
Airmix® 200 use with ISOCUBE insulating box	√			10 to 500	90 - 200
		√		0.5 to 200	
			√	few kΩ.cm	



HR: High Resistivity (paint) with Quick Disconnect



LR: Low Resistivity (paint)

SPRAY GUN STANDS FOR AIRMIX® AND HIGH VOLTAGE & CURRENT TECHNOLOGY:

Nanogun Airmix®: the association of 65 years of expertise of unique Airmix® spraying technology and the electrostatic application technology from **SAMES KREMLIN**.

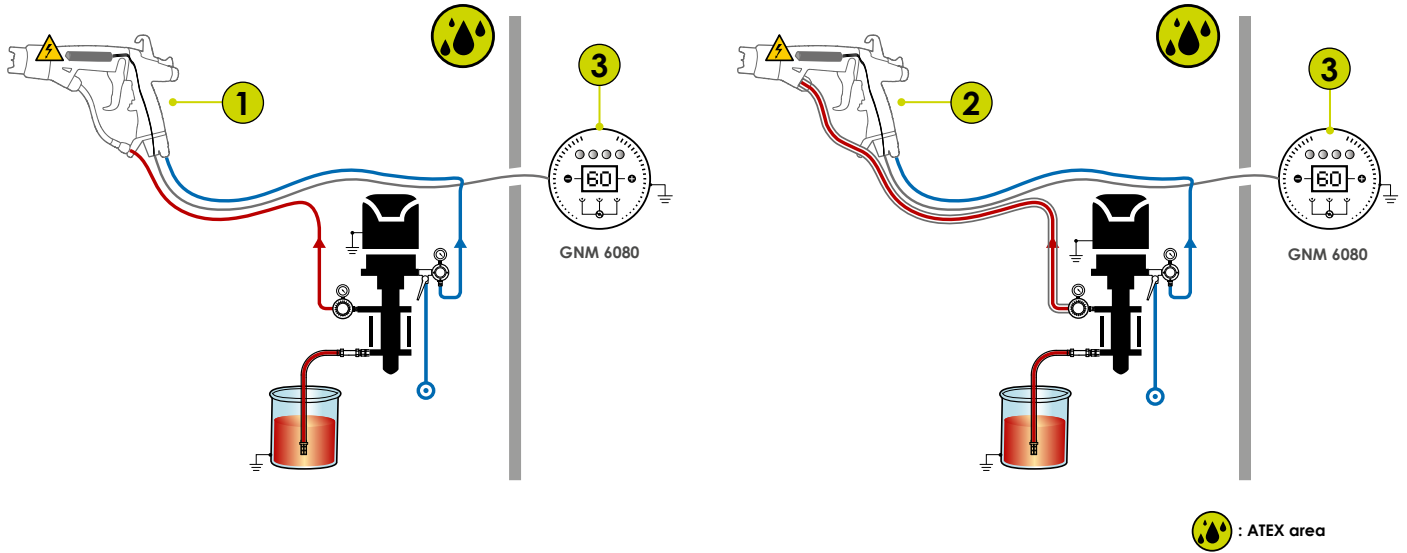
Associated to the unique Airmix® spraying technology from **SAMES KREMLIN**, the electrostatic technology of the Nanogun delivers a terrific transfer efficiency. Airmix® low speed and small size paint particle bring a clear advantage for efficiency of the electrostatic effect.

We have developed the only electrostatic gun to spray with both high current and high voltage, guaranteeing optimal paint charge and maximal efficient paint transportation to the part.

Available for solvented low, high resistivity or waterbased paint application, Nanogun is connected with a large range of pumps, 1 or 2K solutions, insulated or not.



Select your Gun



: ATEx area

Mark **Nanogun Airmix® (Handgun + hoses + Control module + tools + 09-091 tip)**

1	HR VERSION	Airmix® 120 with 09-091 Tip		Airmix® 200 with 09-091 Tip	
		EU	US	EU	US
	Paint hose = 7.5 m	910021113-07	910021113-072	910021115-07	910021115-072
	Paint hose = 15 m	910021113-15	910021113-152	910021115-15	910021115-152
	Paint hose = 30 m	910021113-30	910021113-302	910021115-30	910021115-302
2	LR VERSION	910021114-07	910021114-072	910021116-07	910021116-072
		910021114-15	910021114-152	910021116-15	910021116-152
		910021114-30	910021114-302	910021116-30	910021116-302

HR = High Resistivity & Quick Disconnect
LR = Low Resistivity

3	Mark 3	CONTROL MODULE
	GNM6080 EU	910017193
	GNM6080 CSA	910017192

NOZZLES

Tips	Water flow rate (cc/min) at 120 bar	Water flow rate (cc/min) at 200 bar	Fan width (cm) at dist. = 25 cm	Reference
04.111	290	380	25	130001414
06.151	430	570	33	130001419
09.091	590	770	21	130001420
12.111	790	1030	25	130001425
14.131	940	1230	29	130001430

More tips available, contact us



Everclean Hand

900011711#

Set of 10

Electrostatic Sprayers

Bell process

Paint Flow Control & Peripherals

Tools & Accessories