

Bond | Protect | Beautify

With our manual guns, automatic and robotic applicators, supplied by our wide range of pumps & machines for fluid handling, dosing, mixing & dispensing.

SAMES KREMLIN provides industrial solutions for production increase, quality improvement, material & cost savings.

We are designers and manufacturers of process equipment that is divided into 6 ranges:

Airspray: Since 1925, we have been an Airspray manufacturer bringing you the very best in finishing.

Airmix®: Creator of Airmix® Technology since 1975, we provide the perfect mix between quality and productivity.

Airless: We provide premium Airless Products for finishers with demanding applications.

REXSON Dispense: Pumping beyond possible, dispensing precisely.

Electrostatic: Expertise for high finishing quality & efficiency.

Powder: Powder coating solutions for the highest Productivity since 1960.

FIND YOUR
LOCAL CONTACT
BY FLASHCODE:



www.sames-kremlin.com



Apply your Skills



Nanogun Airspray Electrostatic Spraygun

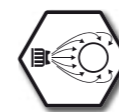


- Lightweight electrostatic gun
- High voltage & current for more paint savings
- Outstanding finish quality

Related Technologies



HLVP™
Airspray



Electrostatic



HPA™
Airspray



Vortex

Apply your Skills

www.sames-kremlin.com

MANUAL ELECTROSTATIC GUN LOW PRESSURE

NANOGUN



TWO VERSIONS DEPENDING ON YOUR NEEDS:



GUN VERSION:	Compatible with	Working with paint resistivity
▶ Universal	solvent based paint or waterborne paint*	0.5 to 500 MΩ.cm
▶ Quick disconnect	solvent based paint	10 to 500 MΩ.cm

*needs paint circuit insulation

TECHNICAL DATA

Gun weight (g)	488	Max tip voltage (kV)	60
Gun length (mm)	230	Max current (µA)	80
Paint flow rate (cc/min.)	from 100 to 1000*	Fluid max temperature (°C)	45
Max air supply pressure (bar)	7 (101psi)	Hose lengths available (m)	7.5, 15 and 25 (option)
Max paint supply pressure (bar)	7 (101psi)	Type of spray	Super Vortex round spray dia.(mm) 8, 12 and 6 (option) Fan spray
Pattern width (mm)	from 90 to 400	Wetted parts	Titanium, Tungsten, Chemraz®, PA12, PEBD, PEEK
Recommended product viscosity	14 s to 50 s CA4		

ATEX marking: **depending on viscosity*

NANOGUN AIRSPRAY CI I, GP D, Spray MII Refer to manual 7105 GNM6080
 CE 0080 II 2 G [0.24mJ] INERIS14ATEX014
 CE 0080 II (2) G [0.24mJ] INERIS14ATEX014

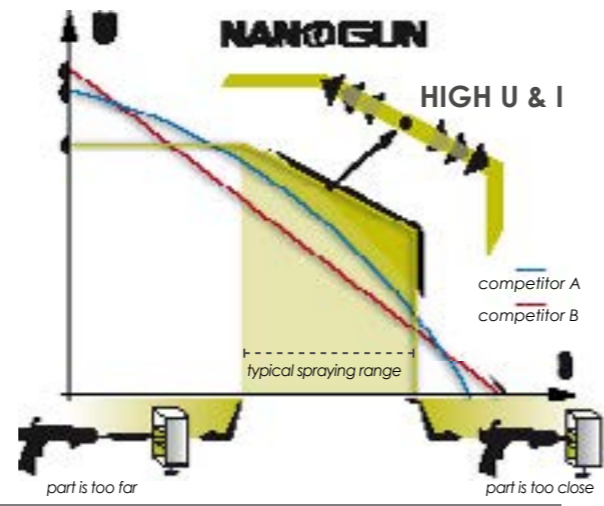


NANOGUN AIRSPRAY stands for HIGH Voltage & Current

Taking full advantage of our **65 years of expertise** with electrostatic technology, **SAMES KREMLIN** has developed the only electrostatic gun to spray with **BOTH** high current and high voltage, guaranteeing:

- Optimal paint charge
- Efficient paint transportation to the part

This combination delivers up to 20% higher transfer efficiency compared to previous gun designs.



MATERIAL HANDLED

Stains, varnishes and lacquers, polyurethane and epoxy materials, 2K materials, U.V. paints, solvent based and waterborne materials.

RECOMMENDED MARKETS

- | | | |
|--|----------------------|---------------------------------------|
| AEROSPACE | CYCLES & MOTORCYCLES | AGRICULTURAL & CONSTRUCTION EQUIPMENT |
| METALLIC FURNITURE | WOOD INDUSTRY | |
| AUTOMOTIVE
OEM, Tier One and Tier Two | ALUMINIUM PROFILES | |

CUSTOMER BENEFITS

- ➔ Increased operator comfort - reduced fatigue
- ➔ Significant paint and air savings
- ➔ Suitable for high or low paint flow rates
- ➔ Great performance with high end production
- ➔ Easy to maintain:
 - ▶ reduced number of components
 - ▶ ready to spray after assembly
 - ▶ perfect flushing
 - ▶ smart diagnostics through control module



ENHANCED ERGONOMICS

- Lightweight
- Perfectly balanced
- Grip & barrel design based on firearms manufacturers' studies
- Flexible hoses
- Quick disconnect version



INTUITIVE CONTROLS



➔ GNM 6080 control module



- EASY TO MAINTAIN:**
 - Scheduled alert
 - Diagnostic alert
- EASY TO USE:**
 - kV setup value
 - 3 presets
 - Readable up to 5m

AIRCAP INNOVATION



- Super Vortex technology for finest atomization
- Good homogeneity between edge and center of pattern
- New **round spray** design: less overspray for 10% higher efficiency
- New **fan spray** aircap: 19% higher efficiency