

## 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 liquid:** expertise for high finishing quality & efficiency.

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

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Apply your Skills



## AIRSPRAY M22 G HTI-HPA GRAVITY & SUCTION MANUAL SPRAY GUN



- High transfer rate (up to **76%\***)
- Exceptional spray quality
- Modularity

### Related Technologies



HTI™ Airspray



HPA™ Airspray

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# HTI - HPA M22 GRAVITY & SUCTION



## TECHNICAL DATA

	Gravity HTI E5 K HVLP aircap	Gravity HTI EP 5 aircap	Gravity HPA EN 5 aircap	Suction HPA EN 2 aircap
Gun handle air pressure (bar)	1,5 à 2,5	2 à 3	2 à 4	6
Air output	27,2 m³/h at 2 bar	20,2 m³/h at 2,5 bar	26,5 m³/h at 2,5 bar	23 m³/h at 2 bar
Fluid inlet	Gravity cup (0,6 l)			Suction cup (1 l)
Weight(g)	680			980
Transfert efficiency (Norm EN 13966-1)	76% ± 2%	74% ± 2%	65%	62%
Wetted parts	Stainless steel / Handled stainless steel / Anodized aluminum			

## AIRSPRAY SPRAYING TECHNOLOGIES

Creator of airspray technology in 1925, SAMES KREMLIN has always proved its ability to stay innovative in the spraying business. Pioneer of environmental protection, SAMES KREMLIN has very high transfer efficiency to achieve minimal overspray.

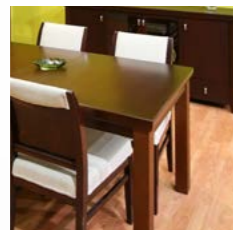
HTi E5 KHVLP technology is designed to decrease the atomization pressure at the aircap. This pressure decrease reduces the speed of paint particles. The bounceback effect on the part is lower: there is less overspray, more paint deposited on the part and a higher transfer efficiency. To balance this pressure decrease, HTi E5 KHVLP technology increases the air volume to achieve very fine paint particles to get an outstanding finish. When painting with higher viscosities, you must use HTi EP5 which features a slightly higher atomization pressure.

For products with an even higher viscosity, like water-based paints for example, HPA technology is the best choice with a higher atomization pressure. For products with extremely high viscosity, we offer the HPA cup pressure-fed guns.

## MATERIALS HANDLED

One component or two component solvent or water-based materials, varnishes, lacquers, polyurethans, stains, shades or metallic-based.

## RECOMMENDED MARKETS.



FURNITURE



AUTO INTERIOR  
PLASTIC



PLASTURGY



ROLLING  
EQUIPMENT

## CUSTOMER BENEFITS

→ Fast return on investment :

- Product savings (high transfer efficiency up to 76%)
- Reduced spray booth (filters, paper filters...) service thanks to less VOC

### MODULARITY

- Stainless steel fluid passages: compatible with a large range of solvent and water-based materials.
- Large range of projectors: (aircap + nozzle + needle): for all applications.

### OUTSTANDING FINISH QUALITY

- Available in HTi (very low pressure and low pressure) and HPA (high atomization power)
- Very precise 100% SAMES KREMLIN machining of projectors (aircap + nozzle + needle)
- Very fine atomization for ultimate gloss
- Tulip fan shape for easy application
- High quality anodized coating

### MODULARITY

- Polyacetal gravity cup (0,6 l) for water- or solvent water-based materials.
- PEHD gravity cup (0,6 l) PEHD for polyurethane (PU) and precatalyzed materials
- Aluminium Suction cup (1 l) for solvent-based materials.

### ERGONOMY

- Very comfortable grip and use
- Reduced repetitive strain injuries (RSI)
- Perfectly balanced
- One of the lightest in its category
- Reduced trigger effort thanks to in-line air valve
- EZ-Adjust aircap to ease its rotation adjustment



## OUR GRAVITY OR SUCTION MANUAL GUNS RANGE



M22 G HTI



M22 G HPA



M22 GSP  
Pressure cup



M22 A HPA

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