

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.

FIND YOUR
LOCAL CONTACT
BY FLASHCODE:



www.sames-kremlin.com



Apply your Skills



A35 HTI/HPA AUTOMATIC AIRSPRAY SPRAY GUN



- High transfer efficiency (up to **74%***)
- Outstanding atomization quality
- Modular design & high reliability

Related Technologies



HTI™ Airspray



HPA™ Airspray

Apply your Skills

www.sames-kremlin.com

AIRSPRAY

A35
HTI / HPA



TECHNICAL DATA

	A35		
Maximum fluid pressure (bar)	6		
Atomizing air pressure (bar)	HTI : 0,7 / 1,2		HPA : 2,0 / 3,0
Minimum trigger air pressure (bar)	3		
Fluid output (l/mn)	0,15 (0,6 mm nozzle) 0,30 (1,2 mm nozzle)	0,20 (0,7 mm nozzle) 0,35 (1,5 mm nozzle)	0,25 (0,9 mm nozzle) 0,40 (1,8 mm nozzle)
Weight - gun only (g)	497		
Base weight (g)	Side output : 240		Rear output : 480
Maximum fluid temperature (°C)	50		
Transfer efficiency (%)	E3 KHVLP : 74 (HTI very low pressure)	EP3 : 72 (HTI low pressure)	EN3 : 65 (HPA)
Wetted parts	Stainless steel - Treated stainless steel		

AIRSPRAY TECHNOLOGIES
VERY LOW PRESSURE (HTI) AND LOW PRESSURE (HPA)

HTI and HPA technologies developed by SAMES KREMLIN are the results of many years of fundamental Research and Development to achieve the best results in terms of transfer efficiency and finishing quality.

HTI technology offers outstanding finish quality, high transfer efficiency and is compliant with most environmental protection regulations.

HPA technology features unsurpassed finish quality using powerful atomization to apply a wide range of materials, including high viscosity materials.

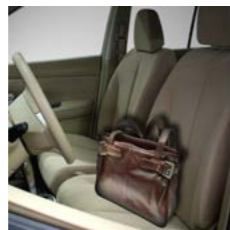
MATERIALS HANDLED

Primers, stains, direct gloss/metallised, Top coats/high gloss, solvent or water-based paints.

RECOMMENDED MARKETS



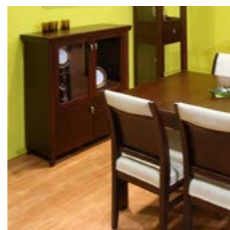
PLASTIC



LEATHER



GLASS COATING



FURNITURE

CUSTOMER BENEFITS

- ➔ For high production : high frequency opening and closing
- ➔ For all customer applications: 2 technologies available (HTI and HPA) and a large selection of nozzles
- ➔ Compatible with water-based materials : stainless steel fluid passages

SPRAYING QUALITY

- Fluid output adjusting by indexed knob
- high output accuracy

HIGH RELIABILITY

- Guaranteed needle sealing by self adjusting cartridge
- Hard treated needle for increased lifetime

SPRAYING QUALITY

- Design concept and precise machining of the aircap to give a perfect fan.

HIGH TRANSFER EFFICIENCY

- Reduced overspray
- fast R.O.I (Return on Investment) for products savings
- reduced spray booth maintenance

HIGH RELIABILITY

- 0-90° indexed aircap
- Easy readjustment of fan pattern
- Brass nickel plated aircap
- High resistance to water-based materials

MODULAR DESIGN

- Easy mounting and assembly (4 screws)
- Reduced downtime

SPRAYING QUALITY

- Fan width control
- Finish quality and fan pattern optimization

REAR OUTPUT

- For easy set-up in robotic applications

Circulation only in base

- Reduced pressure loss in the circulating system

SIDE OUTPUT

- For easy serial mounting on automatic systems



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