

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 divided in 6 ranges:

Airspray: manufacturer since 1925, bringing you the very best of the Finishing.

Airmix®: creator since 1975, bringing the perfect mix between quality and productivity.

Airless: premium for Finishers in heavy applications

High Viscosity: pumping beyond possible, dispensing precisely.

Electrostatic liquid: expertise for high finishing quality since 1954.

Powder: coating solutions for highest Productivity since 1960

FIND YOUR
LOCAL CONTACT
BY FLASHCODE:



www.sames-kremlin.com



Apply your Skills



PCS AIRMIX® 20F440 FLOWMAX®
PCS AIRSPRAY 04F440 FLOWMAX®
PCS AIRSPRAY 08F440 FLOWMAX®



Zero maintenance: **FLOWMAX®** technology

Designed for moisture-sensitive, water-based and UV curing materials

Extended lifetime

Related Technologies



GT Sealing



Cup
Lub



2 Ball



Triple
chrome
layer

Apply your Skills

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PCS AIRMIX® 20F440
 PCS 04F440
 PCS 08F440

FLOWMAX®



TECHNICAL DATA

	FLOWMAX® 04F440	FLOWMAX® 08F440	AIRMIX® 20F440 FLOWMAX®
Pressure ratio	4/1	8/1	20/1
Output per cycle (cc)	440 (220 x 2)	440 (220 x 2)	440 (220 x 2)
Maximum material pressure (bar)	24	48	120
Material flow at 20 cycles/min (L/min)		8,8	
Maximum working temperature (°C)		50	
Air working pressure (bar)		2 à 6	
Fluid outlet	3/4" BSP	3/4" BSP	3/4" BSP
Air inlet	3/4" BSP	3/4" BSP	3/4" BSP
Fluid inlet	3/4" BSP	3/4" BSP	3/4" BSP
Sound level (dBa)	78	76	78
Weight (kg)	52	54	66

FLOWMAX® TECHNOLOGY

Recognized as a major innovation in fluid handling, FLOWMAX® piston pumps bring the possibility to handle the widest range of materials on the market including isocyanates, UV products and all moisture sensitive or waterborne based materials.

Flowmax® technology is designed for intensive use. With its unsurpassed quality bellows, the Flowmax® pump ensures total leak free sealing, performance, an extended lifetime and reliability.

MATERIAL HANDLED

Water-based and solvent-based materials, varnishes, stains, 2K materials and moisture sensitive.

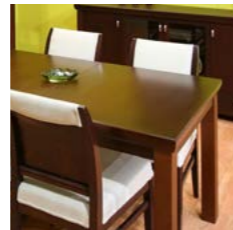
RECOMMENDED MARKETS



MACHINE TOOLS



KITCHEN AND BATHROOM



FURNITURE



ROLLING EQUIPMENT

CUSTOMER BENEFITS

- ➔ Leak free ➔ bellow design
- ➔ User-friendly ➔ no lubricant needed
- ➔ Increased lifetime ➔ wear-compensating single lip GT seal

RELIABILITY

Sleek design: few parts. The inversion system provides a fast changeover for a constant material delivery.

RELIABILITY

- Bellow life time 10.000.000 cycles - up to 8 years
- No dynamic sealing: leak free technology

PERFORMANCE

- High output to feed several guns in circulating
- High suction power for materials up to 4,000 cps

PERFORMANCE

- Turbo air motor also available for a continuous 24/7 use.
- 3 sizes of air motor to deliver the product at the right pressure for a high quality finish while optimizing air consumption.

PRODUCTIVITY

- No lubricant cup
- Maintenance free
- Ideal for moisture-sensitive catalyst and UV products

DURABILITY

- Triple chrome Piston and cylinder
- Stainless steel ball
- Carbide seat

PERFORMANCE

- Total sealing
- Dust free

