

# Bond | Protect | Beautify

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

**SAMES KREMLIN** provides industrial solutions to increase production, improve quality, and material & costs 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.

**High Viscosity:** 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



## AIRMIX® 10C18 PAINT PUMP



- Efficiency: perfect for AIRMIX® finish
- Optimization: built with minimal parts
- Simplicity: lowest cost of ownership

### Related Technologies



GT Sealing



Cup Lub



2 Ball



Triple chrome layer

Apply your Skills

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# AIRMIX® 10C18 + Xcite™ gun package AIRMIX®



## TECHNICAL DATA

Recommended operation with:		AIRMIX® 10C18 + Xcite™ gun package
		1 Xcite gun equipped with max tip size 09
Pressure ratio		10/1
Fluid volume per cycle (cm <sup>3</sup> )		18
Fluid Output at 30 cycles/mn (L/mn)		0.55
Free flow rate (L/mn)		1.1
Air consumption (m <sup>3</sup> /h) at 30 cycles/mn at 4 bar		1.9
Sound pressure level (dBa)		79.4
Maximum air inlet pressure (bar)		6
Maximum fluid pressure (bar)		60
Maximum Fluid Temperature (°C)		60
Sealing Packings	Upper sealing	Stainless steel cartridge with GT sealing
	Lower sealing	PFA single cup seal
Xcite™ gun (g) (weight)		498
EOS 10-C18 weight (kg) (w/o support or rods)		5.45
Wetted parts		Hard chrome stainless steel, treated stainless steel, stainless steel

## SAMES KREMLIN PUMP TECHNOLOGY

Our pump range is designed around 3 strong themes: **Efficiency, Optimization, and Simplicity.** Our pump range articulates around 3 strong themes: **Efficiency, Optimization and Simplicity.**

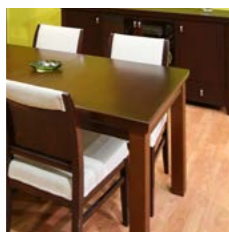
This pump range is the ideal partner for your AIRMIX® spray gun by providing exceptional performance with finish quality and high transfer efficiency.

A large selection of accessories allows you to create various AIRMIX electrostatic configurations, to meet all your customer needs, to meet all customer requirements.

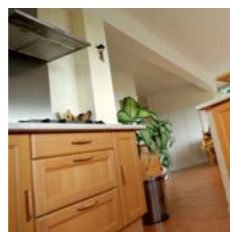
## MATERIAL HANDLED

One component or two component solvent or water-based materials, varnishes, lacquers, polyurethanes, stains.

## RECOMMENDED MARKETS



FURNITURE



KITCHEN AND BATHROOM



MACHINE TOOLS



ROLLING EQUIPMENT

## CUSTOMER BENEFITS

- Ultimate pump control: Slow movement during pump priming at very low air pressure (0.6 bar)
- Constant delivery and pulse free for superior finish
- Easy flushing and less wastage (< 0.5l)
- Fast color changes

### INCREASED PRODUCTIVITY

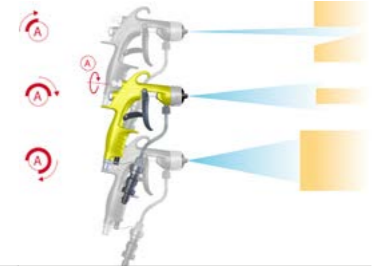
The VX 24 AIRMIX® aircap with «EZ adjust» function allows precise positioning of the aircap (easy to use)

### SUPERIOR ATOMIZATION QUALITY

VX24 AIRMIX® aircap and reliable design

### IDEAL FOR SPRAYING COMPLEX SHAPE PARTS

Accurate fan width adjusting knob



### ACCOMMODATES ALL TYPES OF PRODUCTS

Widest range of tips in the world



### ULTRA COMPACT AND LIGHTWEIGHT

- Easy to move and available in several configurations

### VERY COMFORTABLE GRIP AND USE

Lighter gun and redesigned handle

### DIFFERENTIAL AIR MOTOR

- No external air distributor 45% less part vs competitors
- 20 years of experience on component reliability

### OPTIMIZED AIR MOTOR

- Works perfectly with an air compressor of only 0,5 HP
- Low noise level

### CLOSED CONSTRUCTION

- No risk of injuries
- Protect lubricant from external contamination

### EASY COUPLING

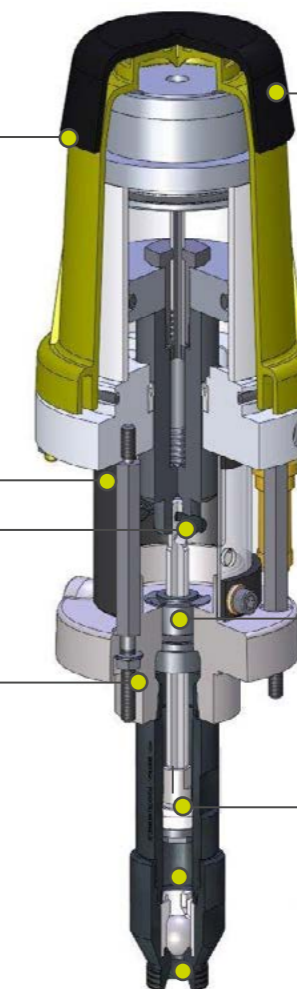
- Quick disassembling

### STAINLESS STEEL CONSTRUCTION

- 50% less parts vs competitors
- Compatible with water-based products (triple chrome-plated wetted parts)

### LARGE FOOT VALVE

- To handle a large range of materials



### SINGLE GT SEAL

- No throat packing maintenance
- Low friction
- Large lubricant wet cup

### EASY FLUSHING

- Reduced fluid section volume minimizes product and solvent losses during flushing
- The mobile seal located on the piston ensures the mechanical cleaning of the fluid section internal wall during the pump run
- No dead zone design



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