

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 FLUID REGULATOR MANUAL CONTROL



- Atomizing spray quality optimization
- Constant pressure delivered
- Dampening out any pump pulsations

Related Technologies



Regulation
Principle

Apply your Skills

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MANUALS & PILOTED REGULATORS ACCESSORIES



TECHNICAL DATA

	Low pressure regulator manual control		Low pressure regulator Piloted		Low pressure regulator Piloted manual control
	Large passage (1)	Small passage (2)	Large passage (1)	Small passage (2)	Large passage (1)
Max inlet pressure (bar)	0 - 40	0 - 40	0 - 6	0 - 40	0 - 10
Regulation range (bar)	0.5 - 4				
Piloted air (bar)	-	-	0 - 6	0 - 6	0 - 6
Maximum flow rate (l/mn)	11	6	11	6	11
Maximum product viscosity (cps)	2000	1000	2000	1000	2000
Fluid passages	Stainless steel, PTFE, carbide				
Weight (kg)	1.3	1.3	1	1	1.6
Width (cm)	8.5	8.5	8.5	7.3	8.5
Height (cm)	17	16.5	7.3	8.5	20
Fluid inlet fitting	M 1/4" BSP	F 1/4" BSP	M 1/4" BSP + (M 18 x125, M 3/8" NPS, M 3/8" BSP)	F 1/4" NPS	M 1/4" BSP + (M 18 x125, M 3/8" NPS, M 3/8" BSP)
Fluid outlet fitting	F 1/4" BSP (x2)	F 1/4" BSP(x2)	F 1/4" NPS	F 1/4" NPS	F 1/4" NPS
Air inlet fitting (piloted)	-	-	F 1/8" BSP	F 1/8" BSP	-

ADVANCED TECHNOLOGIES FOR HIGH PERFORMANCES

A regulator is needed when you want to control fluid pressure/flow rate, change fluid pressure to different values in a short time, dampen out pulsation on pump.

Low pressure SAMES KREMLIN fluid regulators are available in several versions for manual or automatic applications.

MATERIALS HANDLED

One component or two component solvent or water-based materials, high solids, varnishes, lacquers, stains, polyurethanes, epoxy, single or two-component adhesives.

CUSTOMER BENEFITS

PRODUCTIVITY

- Stable and repeatable fluid pressure
- User-friendly flushing (PTFE diaphragm)
- Optimized fluid outputs

PERFORMANCE

Stainless steel design: compatible with all materials available on the market.

RELIABILITY

Fluid passage design for perfect flushing.

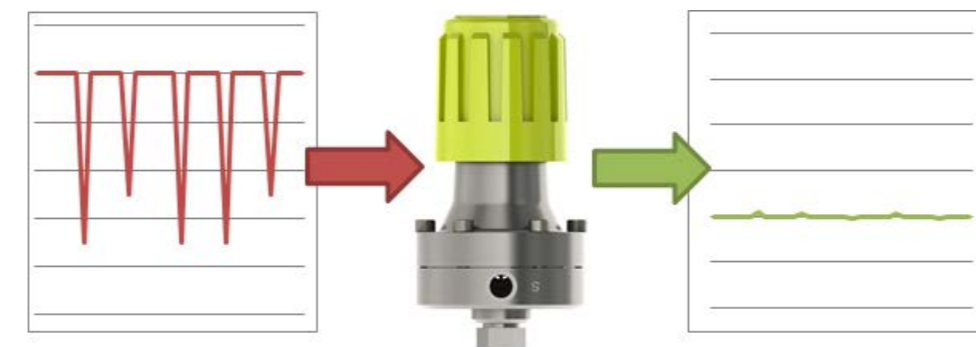
RELIABILITY

Improved durability: stainless steel ball, carbide seat.



Upstream pressure

Regulated pressure



INSTALLATION DIAGRAM FOR AUTOMATIC GUNS OUTFIT

