

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

CYCLOMIX™ EXPERT 2K & 3K COMPONENTS



- Always fresh material on demand
- Eliminates manual mixing errors
- Significant material savings

Apply your Skills

www.sames-kremlin.com

CYCLOMIX™ EXPERT

2K & 3K COMPONENTS



CUSTOMER BENEFITS

- Reduce labor ← Increase productivity ←
- Consistent finish quality ← Less rework cost ←
- Lower cost of ownership ← Fast R.O.I (return on investment) ←
- Reduced hazardous waste ←
- Flexible modular design - can process up to 24 components ←

TECHNICAL DATA

Fluid pressure	Min 29 psi (2 bar) - Max 2,900 psi (200 bar)
Compressed air requirements	Min 50.7 psi (3.5 bar) - Max 87 psi (6 bar)
Voltage	115V / 230V - 75W
Frequency	50 - 60 Hz
Mix Ratio	A to B min/max 0.6:1 to 20:1 - 166% to 5%
Ratio tolerance	1%
Maximum particle size	Max 5 micron
Noise level (at 1m)	70 dB A (Depending upon Norm ISO 3746)
Viscosity range	30 to 5,000 cps
Moisture (compressed air)	Max 10ppm = 0.001% moisture in the air
Number of components	Up to 24 programmable (solvent, base and catalysts) components
Component management	1K, 2K or 3K
Wetted parts	Stainless steel and HDPE (option 316L)
Programmable recipes	50
Dimensions	Control Panel 24" x 24" x 8" (2K version) Mix Manifold 40" x 35" x 8" (2K version)

CYCLOMIX™ TECHNOLOGY

The CYCLOMIX™ EXPERT is an innovative, industrial solution that can be configured to meet the needs of the customer. Capable of metering and mixing 2 and 3 component materials and expandable to process additional components if required.

The CYCLOMIX™ EXPERT is available in Airspray, Airmix® and Airless (up to 2900 psi / 200 bar) configurations to meet the needs of our customers. PH version available for acid-catalyzed coatings. Small quantities of catalyst are injected into the base circuit at high frequency rates to optimize mix quality. Kremlin Rexson uses only high precision flow meters.

MATERIAL APPLICATIONS

One, two or three component high solids polyurethanes, epoxies, CARC's, varnishes, lacquers and adhesives solvent or water-based. PH version available for acid catalyst materials.

RECOMMENDED MARKETS



PRODUCTIVITY

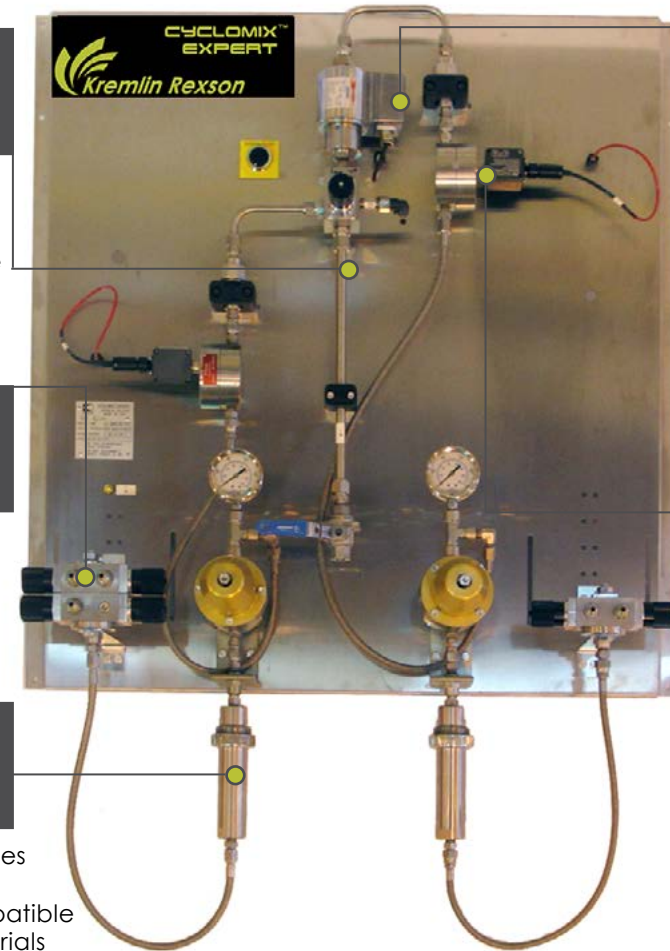
□ In-line static mixer provides a complete and thorough mixture of components without the use of integrator or pre-mix chambers.

MODULARITY

□ CTM Color Change valve assemblies can be used for both low and high pressure (up to 2,900 psi / 200 bar)

PERFORMANCE

■ Filter/regulator assemblies are all stainless steel construction and compatible with water based materials and is standard equipment



PERFORMANCE

□ Injector assembly is a self-sealed and self lubricated unit
 □ No needle packing nut to adjust
 □ Catalyst is injected with high frequency at the required mix ratio
 □ Catalyst injection volume is programmable per recipe

RELIABILITY

□ 12 cc stainless steel flow meters are standard equipment
 □ PH and Mass Flow meters are available per application requirements

PH Version

available for acid catalyzed materials

SIMPLICITY

- Allen Bradley PLC
- Touch screen HMI
- System stop button
- Dual air flow switches
- Pot life visual alarm
- Real time display of instant flow rate and mix ratio



www.sames-kremlin.com