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

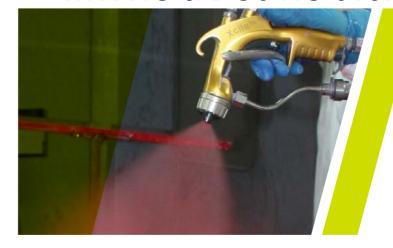


www.sames-kremlin.com





AIRSPRAY/AIRMIX®/AIRLESS **CYCLOMIX™ MULTI** PLURAL COMPONENT ELECTRONIC MIXING & DOSING SYSTEM





- Elimination of manual dosing errors
- Material savings guaranteed
- Always fresh material on demand

Related Technologie











Apply your Skills

www.sames-kremlin.com

CYCLOMIXTM

MULTI



TECHNICAL DATA

Power supply (V) - Power (W)	115/230 - 100
Air suplly pressure (bar mini)	4
Fluid pressure (bar)	2-175
Weight (kg)	25
Fluid passages	Stainless steel and PEHD
Mixing ratio	Single component and 0.6/1 to 20/1
Mixing accuracy depending on the material	± 1%
Base/catalyst/solvent	7/1/2
Mixed fluid output (cm³/mn)	100 - 2 000
Fluid viscosity (cps)	100- 5 000
Height (cm)	60 (control cabinet) - 77 (Mixing plate)
Width (cm)	60 (control cabinet) - 60 (Mixing plate)
Depth (cm)	40 (control cabinet) - 60 (Mixing plate)

CYCLOMIX™ TECHNOLOGY

The CYCLOMIX™ MULTI allows the user to dose, mix and continuously deliver two-component paints or adhesives.

The mixing process works by catalyst injection into a constant flow of base material. The catalyst is injected in the center of the stream at a very high frequency. The CYCLOMIX™ MULTI do not require an additional pre-mix chamber. The optimized conception of the static **mixer** insures a perfect mixing, even if both components have really different viscosities.

Our unique dosing system technology is auto-controlled by 2 precise flow-meters. The CYCLOMIX™ MULTI allows you to work without supervision, giving to the operator total working security and serenity, especially with short potlife materials (15 mn).

MATERIAL HANDLED

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

RECOMMENDED MARKETS





KITCHEN AND

BATHROOM

MACHINE TOOLS



RAILWAYS

CUSTOMER BENEFITS VS HAND MIXING

- Increased productivity > No paint preparation labour time
- Less rework cost \rightarrow Constant mixed product quality
- Fast R.O.I (return on investment) > No pre-mixed material wastages
- Security > Auto-controlled mixing system

PERFORMANCE

High accuracy flowmeters

PRODUCTIVITY

Compatible with short

AUTOWASH: off-production

gun automatic monitoring

potlife materials

Less wastage

Permanent autocontrol



ERGONOMY

- Clean color contact Digital Screen
- Remote kit control for spray booth
- Visual & audio alarm

PRODUCTIVITY

- No solvent flush required between each sequence
- Robot remote control
- USB production data recovery

RELIABILITY

- High cycling hardener injector sampling valve Catalyst injection into a
- constant flow of base material



PERFORMANCE

Outstanding mixing quality for the most demanding materials

CYCLOMIXTM

- Available from 1 to 7 bases
- Recommended for acid catalized varnishes (pH 0.5)

