

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 & efficiency.

Powder: coating solutions for highest Productivity since 1960.

FIND YOUR
LOCAL CONTACT
BY FLASHCODE:



www.sames-kremlin.com



Apply your Skills



AIRSPRAY/AIRMIX® CYCLOMIX™ MICRO



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

Related Technologies



Injectmix



Airmix®



HTI Airspray

Apply your Skills

www.sames-kremlin.com

CYCLOMIX™ MICRO



TECHNICAL DATA

Power supply (V) - Power (W)	115/230 - 100
Air supply 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	3 / 1 / 2
Mixed fluid output (cm³/mn)	100 - 2 000
Fluid viscosity (cps)	30- 5 000
Height (cm)	17.3 (control cabinet) - 40 (Mixing plate)
Width (cm)	36.6 (control cabinet) - 40.7 (Mixing plate)
Depth (cm)	11.1 (control cabinet) - 30 (Mixing plate)

CYCLOMIX™ TECHNOLOGY

The **CYCLOMIX™ MICRO** 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™ MICRO doesn't 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™ MICRO allows you to work without supervision**, giving to the operator total security, especially with **short potlife materials (15 mn)**.

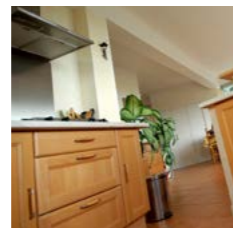
MATERIAL HANDLED

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

RECOMMENDED MARKETS



AGRICULTURAL MACHINERY



KITCHEN AND BATHROOM



MACHINE TOOLS



RAILWAYS

CUSTOMER BENEFITS

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

PERFORMANCE

- High accuracy flowmeters
- Permanent autocontrol

ERGONOMY

- Clean contact Digital Screen
- Magnet piloted
- Remote kit control for spray booth
- Visual & audio alarm light
- Tracability of production data

PRODUCTIVITY

- Less wastage
- Compatible with short potlife materials

RELIABILITY

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



CYCLOMIX™ PH VERSION

- Available from 1 to 3 bases
- Flushing valve on hardener side
- Recommended for acid catalized varnishes (pH 0,5)

PRODUCTIVITY

No solvent flush required between each sequence

PERFORMANCE

Outstanding mixing quality for the most demanding materials

