

# 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 to increase production, improve quality, and material & costs savings.

We are designers and manufacturers of process equipment that is divided into 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

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## 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



Injectmix   Airless   Airmix®   HTI Airspray

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# CYCLOMIX™ MULTI



## 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	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



AGRICULTURAL  
MACHINERY



KITCHEN AND  
BATHROOM



MACHINE TOOLS



RAILWAYS

## CUSTOMER BENEFITS VS HAND MIXING

- ➔ Increased productivity ➔ No paint preparation labour time
- ➔ Less rework cost ➔ 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
- Permanent autocontrol

### ERGONOMY

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



### PRODUCTIVITY

- Less wastage
- Compatible with short potlife materials
- AUTOWASH: off-production gun automatic monitoring

### 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



### CYCLOMIX™ PH

- Available from 1 to 7 bases
- Recommended for acid catalized varnishes (pH 0,5)