



CYCLOMIXTM

USER-FRIENDLY



ELECTRONIC PROPORTIONING SYSTEM For 2 Component Applications

Metal and Wood industries: Case goods, Rolling equipment, Agricultural machinery, Aerospace, etc.





Accurate Mixing for 2 Component Materials

All stainless steel

Electronic proportioning and mixing often has very short payback periods because they deliver significant benefits compared to other methods:

Type of mixing	Manual	Mechanical	Electronic CYCLOMIX™
Finish Quality	Inconsistent	High	Outstanding
Fluid Handling Labor Costs	High	Low	Very Low
Risk of Costly Rework	High	Low	Negligible
Unused Mixed Material & Solvent Waste	High	Low	Very Low
Ratio Control	Low	Medium	Excellent
Safety	Low	Medium	Excellent

The Cyclomix™ is based on 25 successful years of Kremlin proportioner experience in manufacturing and delivering the two component solutions to the finishing industry. It uses our unique proportioning technique of delivering a constant flow of base material and injecting the pressure regulated catalyst to maintain ratio control. This maintains extreme mixing accuracy and minimizes dead zones and flush waste.

Proven Technology

Accurate Mixing +/- 1%

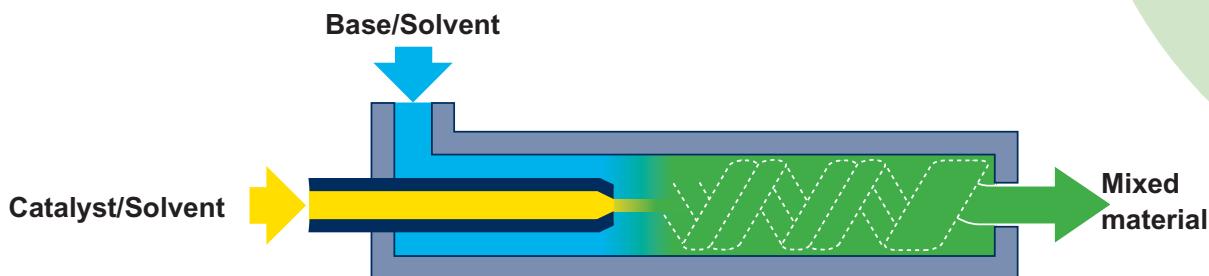
Efficient Flushing

Automatic Process

Mixing safety

CYCLO

User-friendly design



The fluid network features a special design to minimize the amount of flushing solvents used (Less than 2 oz. or 50 cc).



Types of Fluids Handled

Bases **Epoxy** **Primers** **Varnish**
Lacquers **Polyurethanes**
Solvent-based and water-based paints

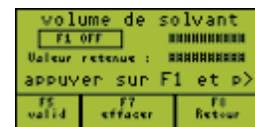


User-Friendly with VOC Emmision Reports

The Cyclomix™ is extremely easy to learn. All functions are fully monitored by means of a user-friendly keypad and screen with on-line help functions. to operators.

The mixing ratio, material usage, pot life time and VOC emissions are displayed during production.

Each function is displayed as an icon with comments



Optimum mixing

VOC management

omix™

riendly
sign

Many Other Great Features

Constant monitoring

- Monitors the usage of base, catalyst and solvent
- “Autowash” controls are integrated in each unit as a standard. By adding the “Autowash” panel, manual guns are automatically flushed when not in use
- Can operate in batch mode for small quantities
- Several flushing sequences are available: Production break, overnight flush, special water-based flush, standard solvent flush
- Teach mode design for setting flush volumes
- English, French and Spanish Languages available for operators
- Connects to PLC's and Robot Controllers
- Integrated gun air regulator



Additional
“Autowash” Panel
for automatic flushing
of mixed material



Capabilities - Specifications

Capabilities

Mixing ratio: 0.6:1 to 20:1 (166% to 5%)

Flowrate: 2 to 50 oz./min. (50 to 1500 cc/min)

Operating pressure: 30 to 2900 psi (2 to 200 bar)

Viscosity range: 30 to 5000 cps

Technical specifications

Dimensions: 54" x 25" x 19" (138 x 64 x 48 cm)

Weight: 143 lbs. (65 kg)

Voltage: 110/220 VAC

Compressed air: 73 psi (5 bar)

CYCLOMIX™ : Electronic proportioning of 2 component materials



Easy Start-up and Maintenance

All fluid and air connections (input-output) are located on an external manifold

Real-time diagnostics are available during operation

Easy-To-Use touchpad for system control

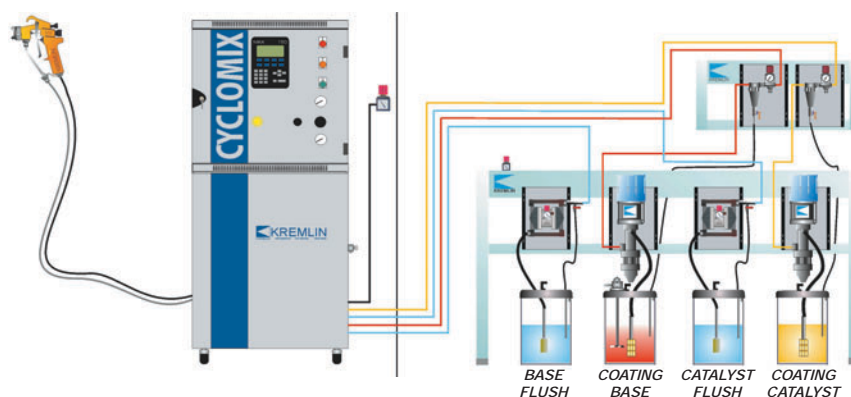
Completely enclosed system for optimal operation

Multi-language capabilities on keypad for operators

Easy access to all components



Typical Set-up (Manual Spraying)



Spraying Technologies

MANUAL APPLICATORS



HTIP



KMX



MVX

AUTOMATIC APPLICATORS



A25/26



ATX



ASI



Part Numbers:

Cyclomix™ with autowash panel (For manual gun applications)

668-660-300

Cyclomix™ without autowash panel (For automatic gun applications)

155-660-000

Autowash Panel

155-660-300

Recommended feed pumps: 02.75, 10.14, 20.15, & 17A



Making Manufacturers More Competitive™

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