

Equipment

Designation	Part number
CYCLOMIX EVO - designed to your needs - please contact us to build your own configuration	♦

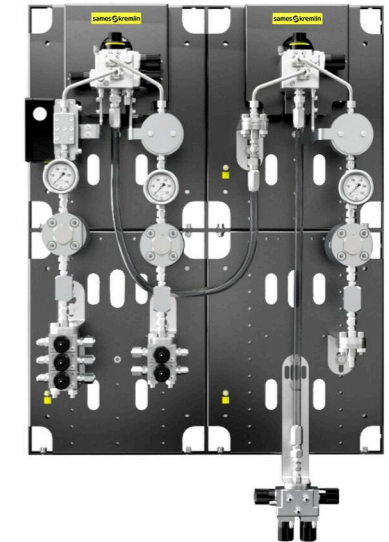
Accessories

Designation	Part number
Remote control cabinet	155661880
Flushing box (FPro, FStart, Xcite, SFlow)	155710000
Frame for control panel	155661872
Frame for 2K product plate	155661870 + 155661871 (x2)
Frame for 3K product plate	155661870 (x2) + 155661871 (x4)
Clear cover	155661873
Short mixer	155661391
Glass kit for in-spraybooth piloting	155661887

Cyclomix® Evo

Electronic Mixing & Dosing System - 2 or 3 Component - Airspray , Airmix® , Airless

Electrostatic
Airmix®
Airspray
Airless® / Machines & Controllers



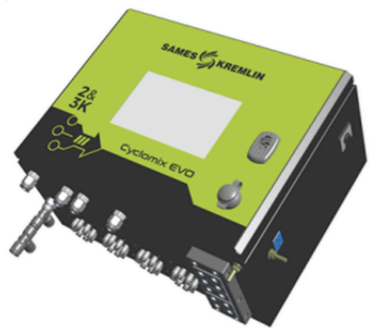
THE BEST CHOICE OF PRODUCTIVITY AND PEACE OF MIND!

- ✔ Perfect dosing and mixing
- ✔ Optimized waste management
- ✔ Full Connectivity

Markets



BOND • PROTECT • BEAUTIFY



Cyclomix® Evo

Electronic Mixing & Dosing System - 2 or 3 Component - Airspray , Airmix® , Airless

A patented dosing principle, optimized waste management and connectivity make the Cyclomix® Evo the modular dosing unit that will meet your expectations.

The **Cyclomix® Evo modular dosing unit** can be used with solvent or water-based paint, acid catalyst, PU or epoxy materials. It brings you:

Perfect dosing and mixing: Thanks to its new patented injection method, the **Spraymix** technology allows a pre-mixing at the injection point. Spraying the catalyst into a vortex of base ensures a perfect mix and a ready-to-apply paint. A unique dosing algorithm ensures accuracy and repeatability of the ratio regardless of the required flow rate and its variations.

High productivity: From a basic version capable of managing 1 base & 1 catalyst, the modularity of the offer allows the Cyclomix Evo to be customised at the purchase or throughout the life of the Cyclomix® Evo. A large number of functionalities are proposed, such as the management of 2 guns, product regulators or different types and sizes of flowmeters. All these functionalities will undoubtedly meet your needs. A simple and intuitive HMI allows a quick learning phase, even if a new applicator arrives.

Optimized waste management: The "paint optimization" function allows you to use up to 70% of the paint remaining in the hoses at the end of production. A compact construction with passages designed to reduce retention zones and facilitate flushing, thus reducing solvent consumption. An autonomous priming to avoid overconsumption of mixed paint.

Connectivity: The **SamesApp** application allows you to connect to the Cyclomix Evo, to control it and also to inform you by notifications when maintenance has to be performed or when alarms occur. All machine data is constantly recorded and can be retrieved with different media (excel file, OPCua, smartphone).



Technical data table

Designation	Value	Unit: metric (US)
Ratio	100:1 à 1:2 (1% à 200%)	X/1
Electrical Power	115 - 230	V
Maximum Fluid Pressure	240 (3480)	bar (psi)
Maximum Fluid Output	50 - 7000	cc/min (oz/min)
Maximum Air Pressure	6.5 (94)	bar (psi)
Number of Products	2K, 3K & (1K)	base-catalyst-solvent
Fluid Viscosity (min-max)	20 - 3000	in CA4 seconds (or centipoise cps)
Number of A Components	99	Min/Max
Number of B Components	99	Min/Max
Number of C Components	99	Min/Max
Smartphone App: Android, IOS	♦	
Communication 4.0: OPCua	♦	
Remote electrical cabinet: touchscreen or control by magnets	♦	
Robot communication protocol: Ethernet, modbus, profinet, CC-Iin	♦	
User management: operator/maintenance/distributor/administrator	♦	
Manufacturing order number: 12 digits	♦	
Production and maintenance data: Excel file, OPCua	♦	
Certification: Available in ATEX and non ATEX versions	♦	
Number of supplied circuits: Up to 2	♦	
Number of flushing box for manual spray guns: Up to 2	♦	
Maximum number of receipes	250	



Technologies



Airmix® spray technology



Electrostatic



Airless® spray technology



Airspray LVL

Performance

1 Patented dosing system: spraying the catalyst into the base stream

1 Ultra fast injection frequency thanks to our new injection valve
♦ Mixing accuracy of +/- 1%.

Productivity

2 Management of 2 independent circuits: independent flushing and priming on the 2 circuits

3 Define your own configuration from a basic 2K version to a full options 3K version

♦ 2 minutes of training required for a quick start-up

♦ Buy only the configuration you need. Don't pay for unnecessary features

♦ Increase your production capacity by adding functionalities during the life of the Cyclomix® Evo

♦ Remote diagnostics and maintenance follow-up to avoid any production downtime

Sustainability

4 Reduction of costs and mixed paint waste thanks to the "paint optimization" function

5 Monitoring of production and maintenance data through a smartphone

♦ Retrieve production and maintenance data to optimize your production tool

♦ Perfectly adapted to acid catalysts: seals, material and threads meeting the constraints of acid or basic products.



Description

