

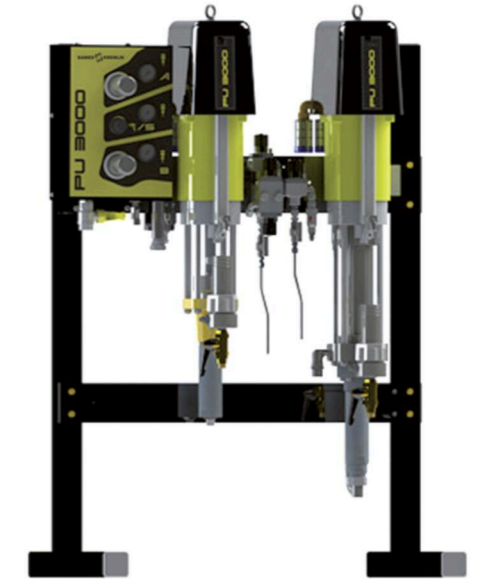
Equipment

Designation	Mixing ratio	Pressure ratio	Max flowrate	Number of base	Number of catalyst	number of solvent	Part number
PU 3000	50:1-1:1	1-1	2000cc (0.4 gal)	1	1	1	155680140




PU3000 Airspray

Plural Component Mixing & Dosing Paint Pump

Airspray / Machines & Controllers



READY TO USE INNOVATIVE AND SIMPLE MIXING AND DOSING SOLUTION

-  **User friendly**
-  **Material mixing quality**
-  **Security of application**

Markets



BOND • PROTECT • BEAUTIFY

Sames reserves the right to modify its equipment or specifications without further notice. Document, products and pictures shown are not contractual. Address is a registered trademark. FR n° 1 222 301 - 2023/0



PU3000 Airspray

Plural Component Mixing & Dosing Paint Pump

The PU3000 Airspray combines electronic control and mechanical dosing & mixing and includes pumping, metering & electronic functions. The user-friendly control box allows the operator to intuitively learn how to operate the machine.

Mecatronic dosing equipment, innovative and patented solution, PU 3000 includes pumping, metering and electronic (Plug & Spray).

Its intuitive use requires few learning. The PULSE FREE ELECTRONIC CONTROL (PFE) **Sames** patent, an innovation in the control of pump change over is the only one in the world that prevents any lack of product during injection - base or catalyst - which could alter the quality of dosing. It also allows to follow in real time the ratio - WYSIWYG - the displayed ratio is the real ratio.

The injectmix system allows to inject a customizable catalyst volume in a continuous flow of base - directly in a very high performance mixern which gurantees the mixing quality. The FLOWMAX® technology - fluid section with sealing made with a bellow - used on the catalyst side prevents its crystallization. The electronic technology alerts if needed and constantly monitors the actual material consumption of products years calculates the VOC's.

WYSIWYG: What You See Is What You Get



Technical data table

Designation	Value	Unit: metric (US)
Mixing ratio	1/1 - 20/1	
Electrical Power	110/220-40	V
Mixing Accuracy	+/- 1	%
Maximum Fluid Pressure	6 (87)	bar (psi)
Maximum Fluid Output	2000 (67)	cc/min (oz/min)
Minimum Output	3 (0.1)	cc/min (oz/min)
Maximum Air Pressure	6 (87)	bar (psi)
Maximum Temperature	60 (140)	°C (°F)
Air Inlet	3/4 NPT	
Fluid Outlet	1/2" JIC	
Number of Mixed Products	2	2K
Fluid Viscosity (min-max)	30-8000	in CA4 seconds (or centipoise cps)
Stainless Steel, PEHD Wetted Parts	♦	
Number of A Components	1	Min/Max
Number of B Components	1	Min/Max
Number of A Component Solvents	1	Min/Max



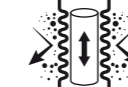
Technologies



PFE



Injectmix



Flowmax® Feeding



GT Sealing



Cup Lub



2 Ball



Triple Chrome Layer

Performance

- 1 Easy to work plug and spray concept including pumping metering and electronic
 - 2 Quality of mixed materials thanks to the direct injection in the high performance unique design static mixer (INJECTMIX technology)
 - 3 Unsurpassed - 1% mixing accuracy due to the innovative pump change over technology
- ♦ The electronic alerts if needed and constantly monitors the material consumption and calculates the VOC

Productivity

- 4 Easy and quick learning thanks to the intuitive use
- ♦ Production stop prevented thanks to the design without flowmeter
 - ♦ Constant fluid flow rate thanks to the **Sames** Pulse Free Electronic Control (PFE)
 - ♦ Low cost of ownership for fast Return On Investment (ROI)

Sustainability

- 5 Stainless steel fluid passages for water-based materials.
 - 6 Durability due to the FLOWMAX® bellow technology on the catalyst side preventing any leaks for moisture sensitive materials
- ♦ Rugged design for industrial use



Description

