

Liquid Chemical Dosing System for Stenters

Profix CS

Profix CS is a system designed for the liquid chemical needs of stenter machines. Profix CS provides accurate and stable weighing of high viscous finishing chemicals, by using mass flowmeter in the system. Profix CS dispenses high amount of chemicals rather than dyeing machines to stenter machines, reducing the time loss to minimum. The system is able to use hot water, cold water and acid inlets for high viscosity and extremely sticky chemicals with various washing procedures. The dispensing speed is parametrically adjusted according to the emission breakdown values of the stenter chemicals. In addition, the S-588 external controller module provides multi-dosing tank level control, automatic recipe order and padder dosage control. Thus it eliminates workload and time losses as an addition of quality increase in the finishing area.



General Specifications

- Ease of transport, installation and revision
- Multiple waterline inputs
- Special design valves for line cleaning
- Minimum service and maintenance due to special design
- Online tank level monitoring
- Remote connection and software update
- Touch-Screen
- Report and analysis software
- Ram chemical dosing
- Valve leakage test system
- Integrated with ERP Softwares

Optional Specifications

Multiple dosage tank management(up to 10 pcs)	Multiple washing procedures
Simplex 588 Support	Tank Farm
Proportional & g/L recipe support	Hot&Cold&Acid inlets for washing

Technical Specifications

Maximum Chemical Combination	48	Weighing	100g-100kg (Limited software)
Collector	Maximum 4 collectors with 12 chemicals each	Pump	Centrifugal or Multilobe, PID inv. cont.
Max Collector	1	Washing	Double Washing Protection
Distribution	Single Line	Water Inflow Size	1 Hot and Cold
Measuring Accuracy	0.5%	Collector Size	1
Flowmeter	Mass flowmeter	Machine Outflow Size	25,4 mm SS Pistonvalve
Valve Positioner	Standard		

