



MULTIPLEX 1 (PRO)
LAUNDRY DOSING SYSTEM INDUSTRIAL
PRODUCT DATASHEET



Description

Designed to cater to a range of laundry sizes, the Multiplex range serves establishments operating anywhere from 4 to 12 washing machines. With safety as a top priority, the Multiplex dosing system incorporates several key features to ensure peace of mind for operators. From rigorous leak and water testing protocols to comprehensive chemical compatibility checks, Multiplex guarantees a secure dosing routine. Additionally, its innovative design includes continuous channel cleaning with water, effectively minimizing maintenance requirements and ensuring uninterrupted operation.

Technical Specifications

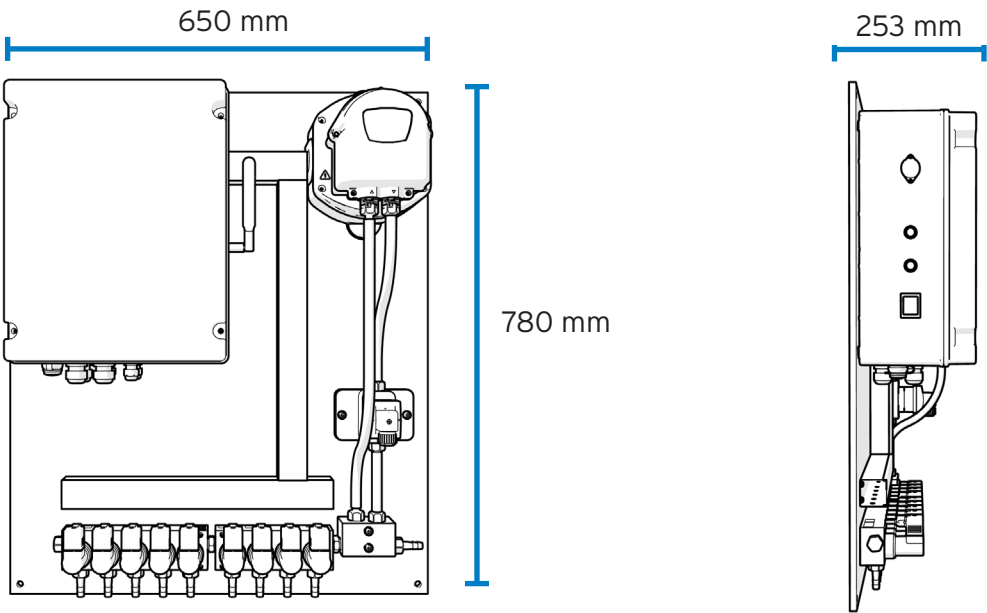
		Value
UNIT	Maximum of products	8
	Maximum number of washing machines	6
INTERACTION	Functions	Configure
		Real-Time View
		Reports
		Password Management
	Interface	Webserver (Local)
ELECTRICAL PARAMETERS		Web Portal
	Voltage / Frequency	110-240 VAC / 50-60Hz
	Power	108W

Technical Specifications

		Value
WATER	Pressure in dynamic regime	1.5 bar (min) - 3 bar (max) Regulator recommended
	Flow rate range	min 2/l per min - max 10/l per min
	Inlet connection	Barb 10mm
	Maximum temperature	< 30 ° C
	Required hardness	< 8°dH
	Booster tank	Not included. Supplied on request. Recommended.
PANELS	Material	PVC
PUMPS	Number	1 pump per channel. Main channel: electric diaphragm
	Flow rate (with water)	1.5 litres/minute
	Body	PVDF
	Membranes	PTFE
	Non return valves	PVDF/FFKM
PRODUCT/WATER VALVES	Voltage	24VDC
	Body	PP
	Closure piston	PTFE
	O-rings	FFKM
FLOW SENSOR	Standard measuring principle	Paddles + Hall effect sensor
	Signal	24 VDC PNP
	Body	PP
	Palettes	PVDF
	O-rings	FKM
	Alternative	*Oval gear not included. Supplied on request. Recommended with chemicals 180cP or higher.
DOSING	Distribution	External distributor
	Outlet barb diameter	10 mm
	Outlet barb material	PVDF
	Fittings (straight / elbows)	PP for pipe 10/12
	Built-in tubes	EVA tube 10x16 mm
	Recommended pipes for installation	Braided (UK & US) PVC 10x16
CALIBRATION	Mode	Via distributor
	Measuring vase	Not included * recommend
FORMULAS	Number	200
	Dose units	g/kg fl.oz/cw
	Maximum number of doses per phase	6

		Value
STATISTICS	Data	Cloud synchronisation
		Onboard storage
		Production in load and cycles
	Information	Consumption and product cost
		OEE
REMOTE ACCESS		Alarms
	Availability	Data always available on the web portal and the possibility to make changes at any time, with instant synchronisation
	Router *Internet access	Not included in the equipment

Diagram



Dimensions

Width	650 mm
Height	780 mm
Depth	253 mm

Weight

Unit	20.6kg
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Example of Recommended Setup

