



## MULTIPLEX 2 PRO INDUSTRIAL LAUNDRY DOSING SYSTEM

PRODUCT DATASHEET



### Description

The Multiplex 2 Pro unit is designed to cater to a wide range of laundry sizes, serving establishments with up 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. Its innovative design also includes continuous channel cleaning with water, effectively minimizing maintenance requirements and ensuring uninterrupted operation. This makes it an ideal solution for laundromats and establishments requiring high-capacity, reliable, and low-maintenance performance.

### Technical Specifications

		Value
UNIT	Maximum number of products	8
	Maximum number of washing machines	12
	*	
	* Requires Machine Hold functionality	
INTERACTION	Functions	Configure
		Real-Time View
		Reports
		Password Management
	Interface	7" Touchscreen (Local)
Webserver (Local) Web Portal		
ELECTRICAL PARAMETERS	Voltage / Frequency	110-240 VAC / 50-60Hz
	Power	120W

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# Technical Specifications

		Value
WATER	Pressure in dynamic range	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.
	Water Pressure Regulator	Included
PANELS	Material	PVC
PUMPS	Number	1 pump per channel. Main channel: electric diaphragm ( <i>depending on setup</i> ) Pneumatic double diaphragm pump ( <i>depending on setup</i> )
	Flow rate (with water)	1.5 litres/minute (Electric) 2.5 litres/minute (Pneumatic) 5 litres/minute (Pneumatic)
	Body	PVDF
	Membranes	PTFE
	Check valves	PVDF/FFKM
PRODUCT/WATER VALVES	Voltage	24VDC
	Body	PP
	Closure piston	PTFE
	O-rings	FFKM
FLOW METERS	Standard measuring principle	Paddles + Hall effect sensor
	Signal	24 VDC PNP
	Body	PP
	Paddles	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	10mm
	Outlet barb material	PVDF
	Fittings (straight / elbows)	PP for pipe 10/12
	Built-in tubes	PTFE 10x12mm
	Recommended pipes for installation	Braided (UK & US) PVC 10x16
CALIBRATION	Mode	Via distributor
	Measuring vase	Not included * recommend

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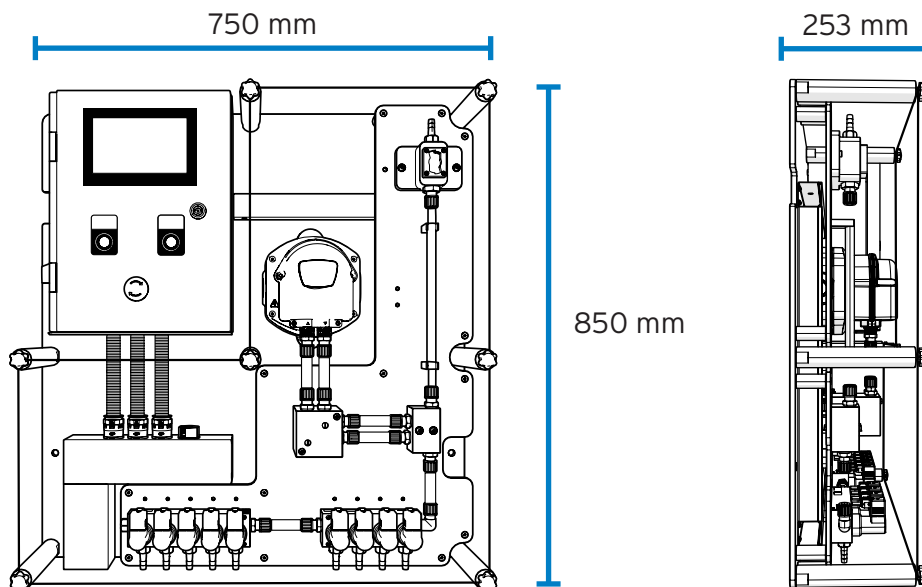
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12/2024  
BIO78EN

# Technical Specifications

		Value
FORMULAS	Number	200
	Dose units	g/kg fl.oz/cw
	Maximum number of doses per phase	6
STATISTICS	Data	Cloud synchronisation Onboard storage
	Information	Production in load and cycles
		Consumption and product cost
		OEE
		Alarms
REMOTE ACCESS	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
FORMULAS	Number	200
	Dose units	g/kg fl.oz/cw
	Maximum number of doses per phase	6

## Diagram



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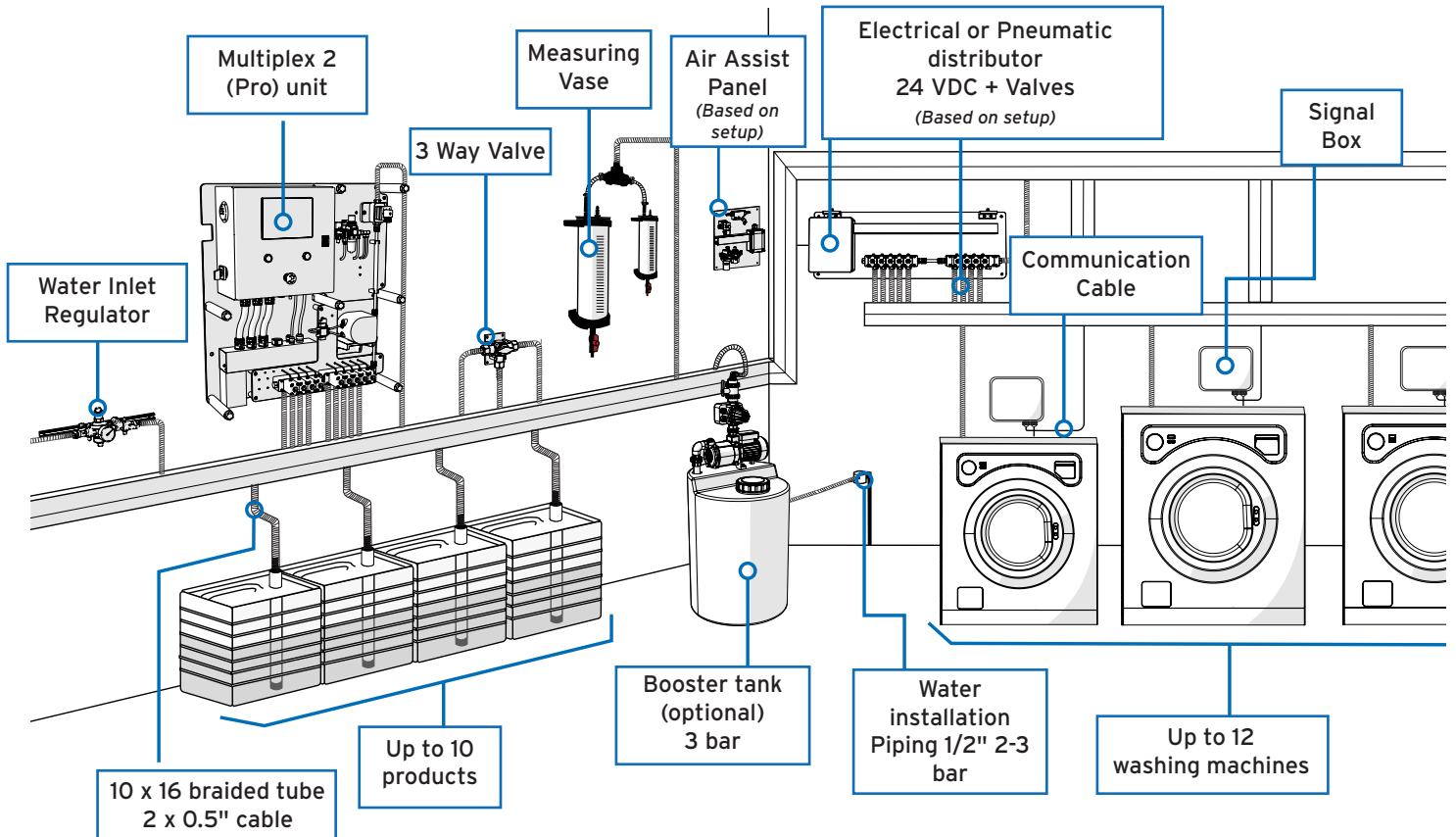
## Dimensions

Width	780 mm
Height	850 mm
Depth	253 mm

## Weight

Unit	34.6 kg - 42 kg (Depending on model)
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## Example of Recommended Setup



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