



## MULTIPLEX OPL M

### LAUNDRY DOSING SYSTEM



### Description

- Compact and efficient dosing system for up to 4 washer extractors.
- Low maintenance design: Components designed to minimise wear and reduce maintenance requirements.
- Safety: integrated functions to prevent hazards and protect laundry operators
- Reliability: including rigorous leak testing, chemical compatibility checks and continuous channel cleaning for safe and accurate dosing
- Uninterrupted operation - minimising maintenance requirements ensures peace of mind for laundry managers
- Integrated display: shows ongoing wash processes, active formulas and phases for each washer along with alarm notifications
- Data management: remote access, immediate settings and configuration, real-time monitoring and performance statistics.

### Technical specifications

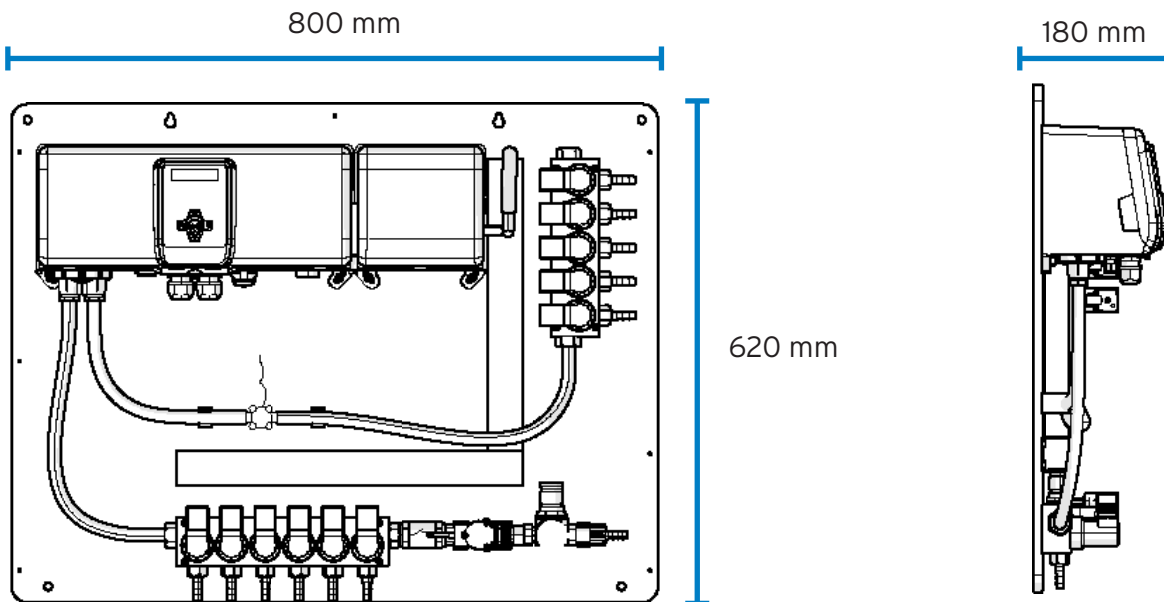
	Value
INTERACTION	Functions - Web Server (WIFI)
	Interface - Display equipment
ELECTRIC PARAMETERS	Voltage / Frequency
	Power

## Technical specifications

	Value	
WATER	Pressure in dynamic range	1.5 bar (min.) - 2.5 bar (max.) Regulator
	Flow rate range	min 2/l per min - max 5/l per min
	Inlet connection	Barb 10mm
	Maximum temperature	30 °C
	Recommended hardness	< 8°dH / 14°fH
	Pressure group	Not included but recommended
PANELS	Material	PVC
PUMPS	Number	1 pump, electric diaphragm
	Flow rate (with water)	1.2 l/min
	Body	PVDF
	Membranes	PTFE
	Non-return valves	FFKM
PRODUCT VALVES	Voltage	24VDC
	Power	8W
	Body	PP
	Closure piston	PTFE
	O-rings	FFKM
WATER VALVES	Voltage	24VDC
	Body	PP
	Closure piston	PP
	O-rings	FKM
FLOW SENSOR	Type	Pallets (PVDF suitable for chemical)
	Standard measurement principle	Hall Effect
	Signal	24 VDC PNP
	Body	PVDF
DOSING	Distribution	Integrated distributor
	Outlet barb diameter	Barb 10 mm
	Outlet barb material	PVDF
	Built-in EVA tubes	10x16 mm
	Recommended pipes for installation	PVC braided (UK and US) 10x16
CALIBRATION	Mode	Through the distributor
	Measuring cup type	Not included * recommended
FORMULAS	Number	200
	Dose units	g/kg fl.oz/cw
	Maximum number of dose per phase	6

		Value
STATISTICS	Data	Synchronised local and cloud storage
		Production in load and cycles
	Information	Monitoring of chemical consumption and product costs
		Alarms
REMOTE ACCESS	Availability	Process detail view
		Data always available on the web portal and possibility to make changes at any time, with instant synchronisation
	Router *Internet access	Router not included

## Diagram



## Dimensions

Width	800 mm
Height	620 mm
Depth	180 mm

## Weight

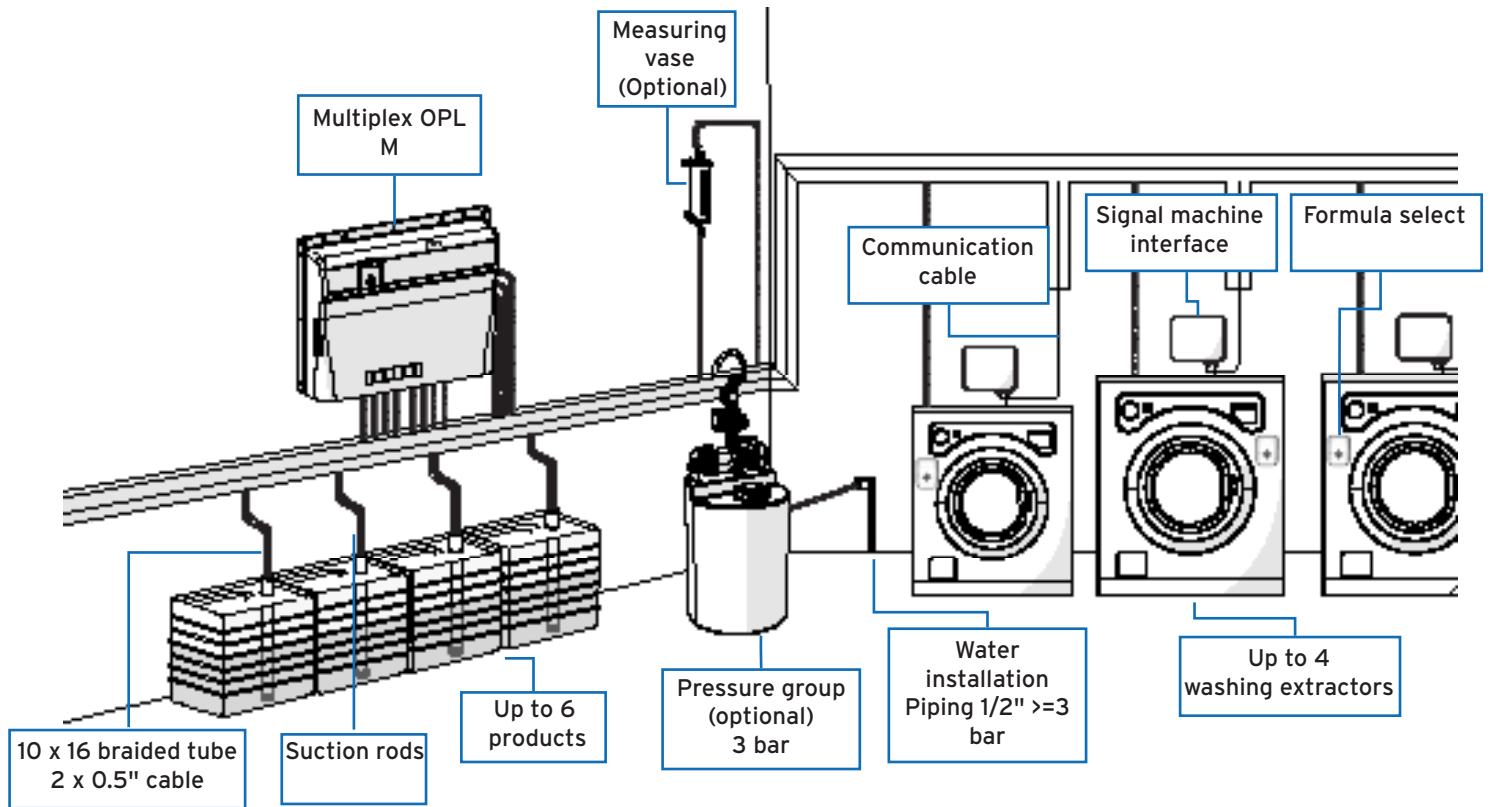
Unit	12.60 kg
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## Example of recommended Setup



## Measuring Vase

Part Code	Description
A500MV1I800	MEASURING VASE 800ML
A500MV2I1500	MEASURING VASE 2 INLETS 1500ML

## PP Suction Lance with Integrated level sensor

Part Code	Container size	Suction Lances
WLL-W375	10 L CONTAINER STANDARD	2
WLL-W450	20 L CONTAINER STANDARD	3
WLL-W750	60 L CONTAINER STANDARD	3
WLL-W1100	100 L CONTAINER STANDARD	3
A500SL1SP20LPP	20 L INDUSTRIAL CONTAINER	1
A500SL2SP20LPP	20 L INDUSTRIAL CONTAINER	2
A500SL3SP20LPP	20 L INDUSTRIAL CONTAINER	3
A500SL1SP100LPP	100 L INDUSTRIAL CONTAINER	1
A500SL2SP100LPP	100 L INDUSTRIAL CONTAINER	2
A500SL3SP100LPP	100 L INDUSTRIAL CONTAINER	3

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Revision 1.0  
04/2025  
BIIHEN

## Booster Tank

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Part Code	Description
A500B130L0.5HP	MULTIPLEX® BOOSTER TANK

## Signal machine interface

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Part Code	Description
A500WCI909	SIGNAL-TO-MACHINE INTERFACE

## Formula select (if not using automatic formula select)

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Part Code	Description
A500FSMP	MULTIPLEX FORMULA SELECT