



MULTIPLEX OPL M
LAUNDRY DOSING SYSTEM



Description

- Compact and efficient Dosing system for up to 5 washer extractors
- Low maintenance design: Components designed to minimize wear and reduce maintenance needs
- Safety focused: Built in features to protect laundry operators.
- Data management: Consumption, alarm, and production reporting, product catalogue, user profiles/permissions, historical view
- Integrated display: Shows current washing processes, active formulas, and phases for each washer along with alarm notifications.
- Reliability: Includes rigorous leak testing, chemical compatibility checks, and continuous channel cleaning for secure, accurate dosing.
- Uninterrupted operation: Minimised maintenance requirements guarantee peace of mind for laundry managers

Technical Specifications

		Value
INTERACTION	Functions - Webserver (WIFI)	-Configuration - Webserver -Real-Time Monitoring -Reporting -Password Management
	Interface - Display equipment	- Webserver - Cloud platform - Basic screen for washer status and alerts
ELECTRICAL PARAMETERS	Voltage / Frequency	110-240 VAC / 50-60 Hz
	Power	108W

Technical Specifications

		Valor
WATER	Pressure in dynamic range	1.5 bar (min) - 2.5 bar (max) 21.8 psi (min) - 36.3 psi (max) Regulator included
	Flow rate range	min 2/l per min - max 5/l per min 67.8 fl oz/min (min) - 169.0 fl oz/min (max)
	Inlet connection	10 mm 0.39 in
	Maximum temperature	< 30 °C < 86 °F
	Recommended hardness	< 8°F < 4.7 gpg
	Booster tank	Not included but recommended
PANELS	Material	PVC
PUMPS	Number	1 pump, electric diaphragm
	Flow rate (with water)	1.2 L/Min 40.96 fl oz/min
	Body	PVDF
	Membranas 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	Paddle wheel and hall effect sensor. Chemical measurement
	Standard measuring principle	Hall Effect
	Signal	24 VDC PNP
	Body	PVDF
DOSING	Distribution	Integrated distributor
	Outlet barb diameter	10 mm 0.39 in
	Outlet barb material	PVDF
	Built-in EVA tubes	10x16 mm 3/8"
	Recommended pipes for installation	Braided (UK & US) PVC 10x16
CALIBRATION	Mode	Via distributor
	Measuring cup type	Not included * recommended

T +44 (0) 1273 513566 E sales@brightwell.co.uk W brightwell.co.uk / T (+1) 913-956-4909 E sales@brightwell-inc.com W brightwell-inc.com

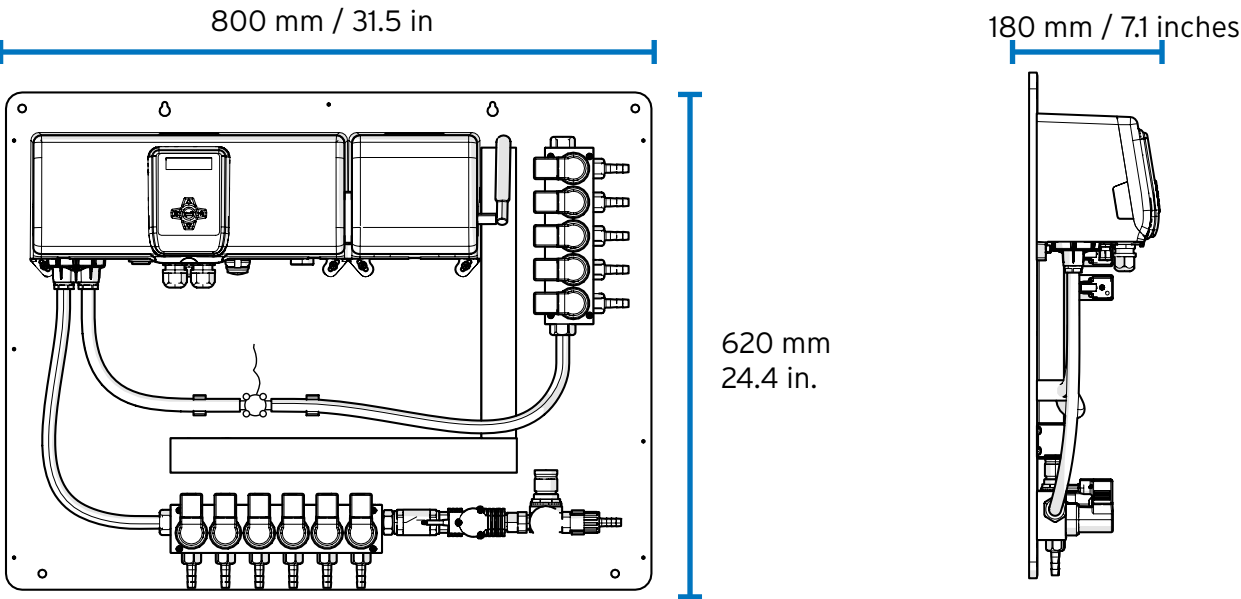
Unit 9, Euro Business Park, Estate Road, Newhaven, East Sussex BN9 0DQ / Brightwell Dispensers Inc. 9858 Britton Street, Lenexa, KS, 66219

All information in this datasheet is accurate at the time of printing and subject to change without notice

Revisión 1.0
04/2025
BT1111EN

		Valor
FORMULAS	Number	200
	Dose units	g/kg fl.oz/cw
	Maximum number of products per phase	6
ESTADÍSTICAS	Datos	Almacenamiento local y en la nube sincronizado
		Producción en carga y ciclos
		Seguimiento del consumo de productos químicos y del coste de los productos
	Informations	Alarmas
ACCÈS À DISTANCE		Vista detallada de procesos
	Disponibilit�	Datos siempre disponibles en el portal web y posibilidad de realizar cambios en cualquier momento, con sincronizaci�n instant�nea
	Routeur *Acc�s Internet	Router no incluido

Diagram



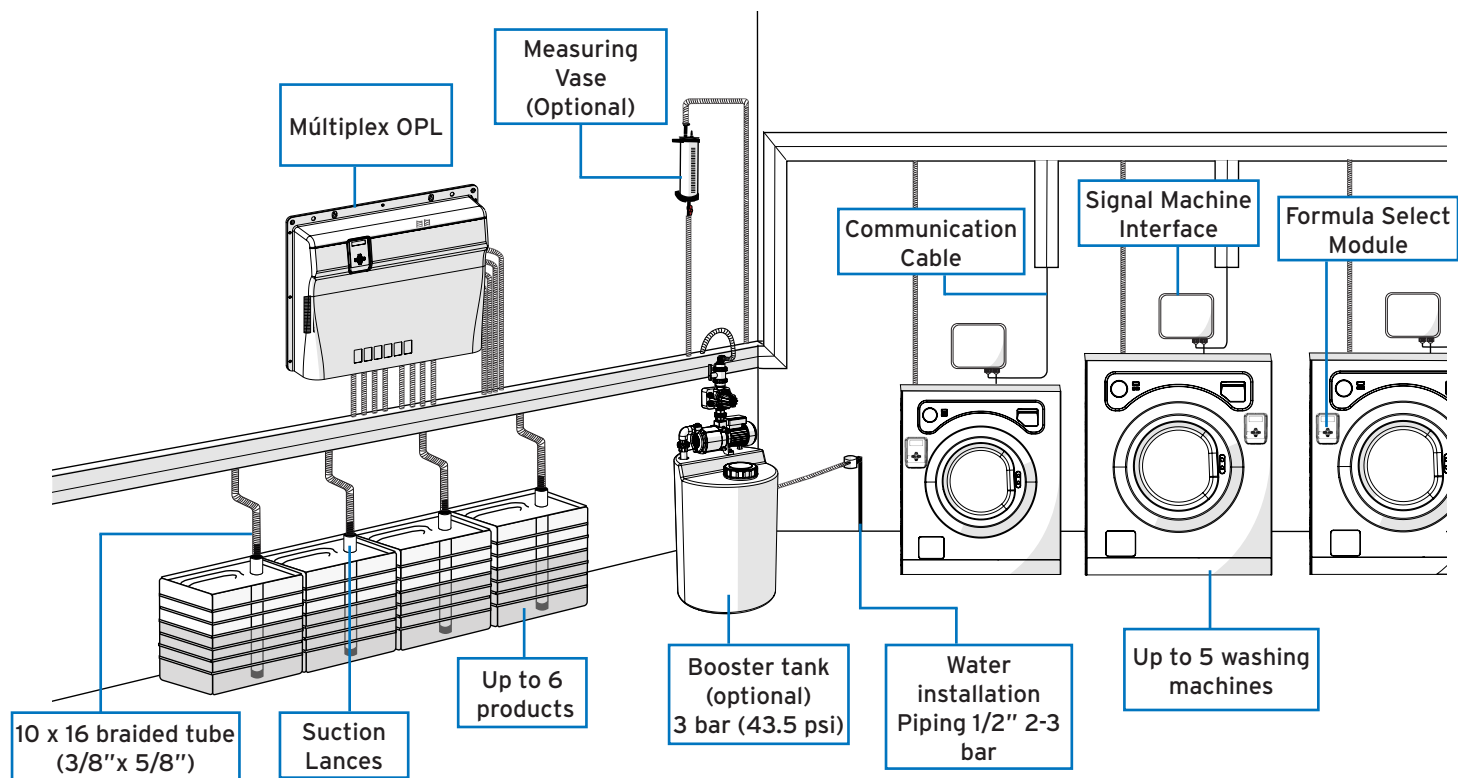
Dimensions

Width	800 mm / 31.5 in.
Height	620 mm / 24.4 in.
Depth	180 mm / 7.1 in.

Weight

Unit	12.60kg / 27.78 lbs
------	---------------------

Example of Recommended Setup



Measuring Vase

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

PP Suction Lance with Integrated Float Switch

Part Code	Container Size	Connectors
WLL-W375	10 L CONTAINER	2
WLL-W450	20 L CONTAINER	3
WLL-W750	60 L CONTAINER	3
WLL-W1100	100 L CONTAINER	3
A500SL1SP20LPP	20 L CONTAINER	1
A500SL2SP20LPP	20 L CONTAINER	2
A500SL3SP20LPP	20 L CONTAINER	3
A500SL1SP100LPP	100 L CONTAINER	1
A500SL2SP100LPP	100 L CONTAINER	2
A500SL3SP100LPP	100 L CONTAINER	3

Booster Tank

Part Code	Description
A500B130L0.5CV	MULTIPLEX BOOSTER TANK
A500BT/U9	MULTIPLEX BOOSTER TANK (US)

Signal Machine Interface

Part Code	Description
A500WCI909	SIGNAL MACHINE INTERFACE

Formula Select (if not using auto formula select)

Part Code	Description
A500FSMP	MULTIPLEX FORMULA SELECT