



MICROPLATE WASHER

MICROPLATE WASHER LMPW-100 SERIES

Labocon Microplate Washer LMPW-100 Series are suitable for ELISA and cell-based assays. They have 8/12 type heads for plate washing and cell washing. They can perform 450 μ L upto 9 cycle wash on a U, V or flat-bottom plate in less than two minutes. This combination of Labocon Microplate Reader and Washer can be used to perform a wide range of assays including enzyme-linked immunosorbent assay (ELISA), enzyme immuno assay (EIA), cytotoxicity assays, and agglutination tests.

Features

- ▶ U, V or flat bottom plate type
- ▶ Interchangeable 8-way and 12-way wash heads
- ▶ Cell wash head-1x8 or 1x12 wells
- ▶ Strip mode and plate mode washing
- ▶ Prime and Rinse volume- 50-100 μ l
- ▶ Gentle cell washing to prevent cell detachment
- ▶ Adjustment utility for plate positioning along rows and columns
- ▶ Positive displacement syringe drive pump with adjustable flow rates
- ▶ Head change without tools, calibration and alignment
- ▶ Touch screen LCD display
- ▶ Programmable needle position
- ▶ Programmable liquid flow rate and aspiration strength
- ▶ Liquid level sensor and alert function
- ▶ Automatic self-diagnostic program
- ▶ Automatic liquid monitoring system
- ▶ Automatic dispensing and programmable aspiration function
- ▶ Shake option with variable speed
- ▶ Variable fluid flow rates of 150 – 1000 μ l/ well / second
- ▶ Vacuum pump used for aspiration and dispensing
- ▶ User-guided washer operation and programming
- ▶ Non-pressurized wash and waste bottles
- ▶ Can store up to 40 programmable wash protocols (only for LMPW-102)
- ▶ Standard bottle set: 1x3.5L (Wash), 1x3.5L (Waste)



LMPW-102

Applications

Labocon Microplate Washer is widely used in enzyme-linked immunosorbent assay (ELISA), cell-based assays, microsphere-based assay enzyme immuno assay (EIA), cytotoxicity assays, agglutination tests, etc.

Specifications

Model	LMPW-101	LMPW-102
Plate Type	96-well plate	
Manifold	1×8; 1×12	
Residual Volume	<2μl for U/V bottom plates <3μl for flat-bottom plates	
Dispense Volume	10-3000 μl	50 to 450 μl
Dispensing Precision	<5% at 300μl	
Wash Heads	8/12 way	
Washing Cycles	0-99 adjustable	1-9
Washing Columns	1-12 columns	96 columns
Washing Programs	96	Up to 40
Soak Time	0-999s	Up to 99s
Shaking Time	0-999s	0-99min 99s
Absorption Time	0.1-10 s	0-99min 99s
Temp. Range	5-35°C	10-30°C
Humidity Range	15-85%	<85%
Overall Dimension	400x310x169 mm	330x380x208 mm
Power	80 W	120 W
Power Supply	220 V, 60Hz	
Weight	8 kg	9.6 kg
Catalog No.	9263101403	9263102403



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