

ELISA Microplate Readers & Washers



Microplate Washers IMW-1000 is known for their reliability and versatility. Equipped with liquid position sensor to evade discarded liquid from overflow, reduce threat and avoid liquid that drawn into the pump to break the equipment. The IMW-1000 comes with different microplate well profile: F-well plate for superb optical properties and are thus this plate is used for optical measurement, and well suited with microplate reader and washer; V-well plates are used for the application where the total sample volume pipetted out; C-well plates are flat type, used to combine optical properties of F-plate with rounded well bottom ends to facilitate liquid to flown out easily; and U-well plates are used to eliminate liquid without disruption and can be used to transfer the data among the PC and the washer or among two washers, similarly it used to upgrade the software. Additionally up to different liquid lines can be used allowing flexible configurations including 3 washer of 2.5L washing bottle and 1 pcs 2.5L waste bottle different wash solutions.

- Low residual liquid with maximum capacity for each tubes or well would be $\leq 0.5 \mu\text{l}$
- Available with different profiles U-V-C-Flat bottom microplates that use for immune assay to defined the consistency binding characteristic, however immobilisation of biomolecules is not affected by the well profile
- Up to different liquid lines can be used allowing flexible configurations including 3 washer of 2.5L washing bottle and 1 pcs 2.5L waste bottle different wash solutions
- Operated by large 4.3 inch LCD display with touch screen
- Proven optical system with 3 channels optical fiber scanning with accommodation of central and multi point washing system
- Automatic alarm for full liquid
- Suitable for ELISA and cell based assay
- Equipped with automatic washing functions and strainer to evade liquid problem through channel
- Capability to protect up to 100 programs
- Automatic alarm function
- User friendly, easy to operate and programmes and can updates software online
- Designed with washing head of diameter 0.1 mm and to set the excellent washing of plates
- The interface connection for this model are available with USB along with U-disk external support to set programs

Accessories

- 8 needles washing head
- 12 needles washing head
- Washing liquid bottle
- Waste liquid bottle

Model	IMW-1000	
Display	4.3 inch LCD display	
Washing channels	3	
Washing method	Central, 2 and multi points	
Washing volume	50 to 2000 μl	
Washing heads	1 $\times$ 8 or 1 $\times$ 12 heads	
Residual Volume	$\approx 0.5 \mu\text{l}$	
Plate types	F, U, V, C flat bottom	
Bottle	3 pcs 2.5L washing bottle, 1pcs 2.5L waste bottle	
Dispense accuracy	CV $\approx$ 2.0% at 300 μl (CV $\approx$ 1.5% for 96 wells)	
Number of wash protocols	100	
Interface	USB	
Dimensions	345 $\times$ 460 $\times$ 200 mm	
Weight	11.5 kg	
Electrical Requirement	AC100, 50Hz	AC240V, 60Hz
Catalogue No.	420600501	420601001

