

ELISA Microplate Readers & Washers



Microplate Washers IMW- 500 is known for their reliability and versatility. Equipped with 8 to 12 manifold pins, reduce threat and avoid liquid that drawn into the pump to break the equipment. The IMW-500 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, used to combine optical properties of F-plate with rounded well bottom ends to facilitate liquid to flow out easily; and U-well plates, and strips washing 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 1 Buffer bottle, 1 waste bottle, 1 rinse bottle and 1 wash bottle different wash solutions. Provide shaking and dipping function. CE AND ISO Certified.

- 1 Buffer bottle, 1 waste bottle, 1 rinse bottle and 1 wash bottle
- CE AND ISO Certified
- Low residual liquid with maximum capacity for each tubes or well would be $\leq 2 \mu\text{l}$
- Available with different profiles U-V-Flat bottom microplates and strips washing that use for immune assay to defined the consistency binding characteristic, however immobilisation of biomolecules is not affected by the well profile
- Operated by large LCD display with touch screen
- 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 120 programs
- Automatic alarm function
- User friendly, easy to operate and programmes and can updates software online
- Designed with washing shaking, dipping, and washing head to set the excellent washing of plates

Model	IMW- 500	
Display	LCD	
Washing Mode	Strips and plate mode	
Washing volume	50 to 3000 μl /well	
Washing heads	1x8 or 1x12 heads	
Residual Volume	2 μl /well	
F, U, V, C flat bottom	F, U, V, flat bottom	
Shaking Time Range	Adjustable 0 to 600 seconds	
Washing Time Range	Adjustable 0 to 99 times	
Dipping Time Range	Adjustable 0 to 3600 seconds	
Number of wash protocols	120	
Environment Temperature	5 to 40°C	
Humidity	80%	
Certification	CE and ISO	
Dimensions	448x382x163 mm	
Weight	8 kg	
Electrical Requirement	100V/50Hz	240V/60Hz
Catalogue No.	420550501	420550502

