



ROBONIK®

An ISO 9001 : 2000 Certified Company
An ISO 13485 : 2007 Certified Company

washwell **PLATE**

Automatic ELISA Plate Washer



CE

**Synchronised Harmony
with Wash & Incubation**



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washwell PLATE is an automatic ELISA Strip/ Plate washer with built-in incubator & programmable timer. Its extensive liquid management system generates acoustic signal and error messages which are prompted on the display. Different plate types can be supported and are easily loaded in the plate carrier ensuring that plates are always in the right position with guarantee of optimum washing of wells regardless of the well configuration e.g round/flat bottom types.

Features

- Specially designed Manifold assembly to prevent any scratching on bottom of well.
- User programmable soak time, wash cycles and dispensing volume.
- On Board two plate incubator at 37°C with programmable timer
- Waste bottle full warning with audible alarm.
- Built-in stabilizer.
- Continuous aspiration to prevent overflow.
- Removable manifold.
- Ability to wash single strip of 8 wells.
- Auto detection of bottom of well and collision prevention.



Technical Specifications

Manifold	:	8 Way Manifold
Dispensing	:	
Method	:	Specially designed Peristaltic Pump
Volume	:	300 to 400 µl in steps of 50 µl
Aspirating	:	
Method	:	Continuous through diaphragm pump while Dispensing hence preventing overflow
Residual Volume	:	< 5 µl
Waste Bottle	:	One (Capacity 2 litres) with audible alarm when bottle is completely filled in with waste solution
Wash Bottle	:	One (Capacity 2 litres)
Rinse Bottle	:	One (Capacity 2 litres)
Display	:	Single line Backlit LCD with 16 characters
Liquid contact materials	:	Silicon, Stainless steel, derline
Memory	:	8 KB Non volatile RAM battery back up supporting 35 open Channels
Washing Method	:	Longwash, Shortwash Rinsing, Priming
Incubator	:	For Two ELISA Plates, 37° C
Timer	:	Individually Programmable
Power	:	
Wattage	:	50 Watts
Voltage	:	115 - 230 Volts ± 10%, 50 /60 Hz.
Operating Position	:	On horizontal, rigid, flat and vibration free surface
Operating Conditions	:	
Temperature	:	+ 18° C to 35° C
Humidity	:	up to 85 %
Storage Conditions	:	
Temperature	:	- 10° C to 60° C
Humidity	:	up to 85 %
Enclosure	:	ABS Fire retardant
Size (cms)	:	35 X 35 X 13 (lxbxh)
Weight	:	6 Kg.

Due to continuous development, specifications are subject to change without prior notice.

ROBONIK (INDIA) PVT. LTD.

Plot No. A-374, TTC, MIDC Industrial Area,
 Mahape, Navi Mumbai - 400 710, INDIA
 Tel.: +91-(22)-67829700
 Fax: +91-(22)-67829701
 Website : www.robonikindia.com
 Email: sales@robonikindia.com,
 marketing@robonikindia.com



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