



MICROPLATE ELISA WASHER  
**Lisawash**  
 3000

## Microplate ELISA Washer

### KEY FEATURES

- Liquid Crystal Display with operational keys.
- Unique washing system compatible with all plates.
- Built-in-shaker with adjustable time and grade.
- Self-maintenance on Power On/Off.
- Plate washing, Strip washing and strip-skip washing.
- Programmable soak time, wash cycle and wash volume.
- Cross wash & bottom wash.
- Storage of 100 wash programs.
- Liquid surface detecting system with auto-alarm.
- 10 different plate settings.
- Easy-to-operate UI.
- Rust free cabinet.

### TECHNICAL SPECIFICATIONS

<b>Assay Model</b>	Random access with direct reading system
<b>Self-Test</b>	Yes
<b>Memory</b>	10 locations for Plate settings 100 program locations
<b>Compatible plates</b>	Polystyrene flat U & V bottom plates & 8 or 12-well strip plate
<b>Manifold</b>	8-Way 12-Way Wash
<b>Wash Bottle</b>	1 bottle x 2 litres
<b>Waste Bottle</b>	1 bottle x 2 litres
<b>Rinse Bottle</b>	1 bottle x 2 litres

<b>Operational Specifications</b>	
<b>Washing Options</b>	Plate washing, Strip washing, Strip-skip washing with Programmable wash volume: 10 - 3000µl. Soak time: 0 - 23 hours:59 minutes:59 seconds Shake time: 0 - 23 hours:59 minutes:59 seconds
<b>Aspiration/Dispensing or Prime/Rinse options</b>	
<b>Aspiration Speed</b>	Software adjustable (0.1 sec to 10 sec)
<b>Dispensing Speed</b>	Software adjustable
<b>Washing Modes</b>	Cross wash, Bottom wash, Single wash
<b>Residual volume</b>	< 2 µl
<b>Hang-up time</b>	1-120 minutes
<b>Rinsing volume</b>	Software adjustable
<b>Priming volume</b>	Software adjustable
<b>Interface/ Display</b>	Bi-directional, RS-232C serial interface. Liquid crystal display with keypad.
<b>Power Supply</b>	110V-220V, 50-60 Hz
<b>Operating Conditions</b>	Temperature: 0 C -40 C, Humidity 85%
<b>Dimensions</b>	45 cm x 39 cm x 19 cm
<b>Weight</b>	8 Kgs
<b>Cat. No.</b>	813LW003000

#### LIST OF STANDARD ACCESSORIES SUPPLIED ALONG WITH THE INSTRUMENT

<b>Sr. No.</b>	<b>Components</b>	<b>Quantity</b>	<b>Sr. No.</b>	<b>Components</b>	<b>Quantity</b>
1	Power Cord	1	6	8-Pin Manifold	1 No.
2	Fuses	2 Nos.	7	Bottles-Wash	1 No.
3	Cleaning Wires	2 Nos.	8	Bottles-Water	1 No.
4	User Manual	1 No.	9	Bottles-Waste	1 No.
5	Operation Procedure Card	1 No.			