TULIP DIAGNOSTICS (P) LTD.

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

Self-Test	Yes
Memory	10 locations for Plate settings 100 program locations
Compatible plates	Polystyrene flat U &V bottom plates & 8 or 12-well strip plate
Manifold	8-Way 12-Way Wash
Wash Bottle	1 bottle x 2 litres
Waste Bottle	1 bottle x 2 litres
Rinse Bottle	1 bottle x 2 litres

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

LIST OF STANDARD ACCESSORIES SUPPLIED ALONG WITH THE INSTRUMENT

Sr. No.	Components	Quantity	Sr. No.	Components	Quantity
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.			