



LDx W1



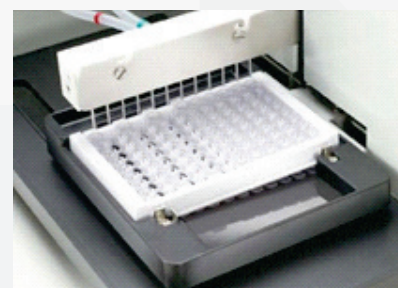
ELISA Plate Washer

- ★ Automatic Elisa Plate Washer suitable for U,V & Flat Bottom
- ★ Standard aerosol protection cover
- ★ 8 & 12 head manifold with lowest residual volume of 0.7ul / Well
- ★ Program up to 100 different wash protocol
- ★ Programmable washing protocol for full plate or selected strips
- ★ Programmable shaking, soaking & shaking plus soaking time
- ★ Waste liquid level sensor avoid overflow from waste bottle

LDx W1

Smart Features for precise Elisa Plate washing

- ★ Detachable microplate holder for easy, clean & disinfect.
- ★ Automatic rinse by distilled water during turn on or turn off ensure avoid crystallizing in the pipes.
- ★ Direct key in the panel to stop or pause working wash protocol.
- ★ Detachable manifolds makes easy to clean particles in the manifolds.
- ★ Adjustable dispense time, dispense volume & probe head position in wells.
- ★ Multi-plate can be selected by default settings or manual operation.
- ★ Two alternative buffer solutions bottle (A and B) can be selected for wash protocol.
- ★ Wash bottle filter separate sediment in the solution pipes.
- ★ Bottom holder is slope, in order to drain out all waste water, which can prevent microplates from contaminating.



TECHNICAL SPECIFICATIONS

- **Plate models:** 96/48 well plate or strip (Flat, U & V - bottom)
 - **Wash Head:** 8 or 12 Head Manifold
 - **Wash Mode:** Plate & Row
 - **Wash rows:** 1-12 Or 1-8 rows
 - **User Interface:** 5" LCD display
 - **Wash Programs:** 100 user entered wash protocols
 - **Strip Washing:** 1 to 12 Strips programmable
 - **Washing Cycle:** Up to 99 cycles
 - **Dispensing Volume:** 50~950µL for 8-12 way manifold
 - **Dispensing Precision:** < 1.5 % at 350 µl
 - **Aspiration Time:** 0.1 - 9.9 Second
 - **Prime volume:** 50 – 1000 µl
 - **Aspiration pressure:** Adjustable pump Pressure
 - **Soak Time:** 0~999 seconds or minutes
 - **Shaking Time:** 0~999 seconds or minutes
 - **Residual Volume:** ≤ 0.7 ~ 1 µl/well
 - **Rinse Pipeline Time:** 1~ 240 Sec adjustable, bottom washing & two point aspirating function.
 - **Auto DW Wash:** 0-20 Plate Auto Distilled Water wash
 - **Number of Bottles:** 2 Wash buffer, 1 Rinse/DI & 1 Waste bottle with sensor (2L each)
- OPERATING ENVIRONMENT**
- **Power supply:** AC 110/220V, 50-60HZ / 50 VA
 - **Operating Temperature:** 10 C- 30 C
 - **Storage Temperature:** 10 C- 40 C
 - **Relative humidity:** Up to 90% relative humidity without condensation
 - **Atmospheric pressure:** 86 Kpa ~ 106 Kpa
 - **Dimensions:** 446 mm X 368 mm X 164 mm
 - **Weight:** 09 kg

Ordering Information

Product Code	Product Description
DIG-46151	LDx W1 : Semi-Automated ELISA Washer



*Please note: Product specifications are subject to change without prior notice owing to product modifications, improvements / up-gradation.

corporate@trivitron.com | www.trivitron.com

Customer Care Helpline: +91 98400 80008

[f /Trivitronindia](#) [t /Trivitronindia](#) [in /company/trivitron-healthcare](#) [y /TrivitronHealthcare](#)

TRIVITRON
HEALTHCARE
speaking your language

Ldx W1/D/101/001/04;21/EN