

Zoom L Microplate Washer

The Zoom L Washer is a versatile user-friendly 96-well microplate washer. The Zoom L Washer delivers constant, reliable washing performance for all your plate processing needs – from a fast and vigorous high-binding ELISA assay wash to a slow and gentle cell wash.

The Zoom L Washer features:

- Variable dispense flow rates
- Adjustable vacuum flow rates
- Standard and overflow (superwash) wash modes
- Programmable shake, soak and aspirate times

The dispense tips are adjusted to dispense at a carefully calculated angle to prevent cell damage in cell washing applications.

The user controlled aspirate tip positioning, as well as the speed at which aspirate tips are lowered into the wells, allows for careful media removal without disturbing cell layers.

The same aspirate head positioning control allows the user to set an aspirate profile that will thoroughly vacuum well bottoms for extremely low residual volume when needed.



- **96-channel aspirate and dispense head**
- **Positive displacement internal pump for accurate and precise dispense at any speed**
- **Auto drain for easy priming and maintenance**
- **99 program memory**
- **Chemically inert liquid path**

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Performance Specifications

Microplate Type	96-well standard height and low profile
Wash Manifold	96-channel
Dispense Accuracy	≤ 2% typical at 50–300 µl range
Dispense Precision	≤ 2% CV @ 200 µl ≤ 3% CV @ 100 µl
Wash Volume	1–2000 µl selectable in 1 µl increments
Residual Volume	< 2 µl/well
Wash Fluid Flow Rate	1–7
Aspirate Tip Decent Speed	Fast/Medium/Slow
Wash Mode	Regular and Superwash
Soak Time	0–99 s
Number of Programs	1–99
Wash Cycles per Program	1–99

Plate Processing Speed

1 cycle, 300 µl	7 s
3 cycles, 300 µl each	17 s

General Specifications

Dimensions (WxDxH)	38 x 56 x 36 cm / 15 x 22 x 14 inch
Weight	18 kg / 40 lb
Power Consumption	80 VA
Power Requirements	230V 50Hz / 115V 60Hz
Operating Temperature	10–40° C / 50–104° F