

Zoom L Microplate Washer

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

The Zoom L features:

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

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

The user controlled aspirate tubes positioning, as well as the speed at which aspirate tubes 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-tube aspirate and dispense manifolds
- Positive displacement internal pump for accurate and precise dispense at any speed
- Passive drain for easy priming and maintenance
- Optional external valve for 4-reagent switch
- 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 increments
Residual Volume	< 2 µl /well
Wash Fluid Flow Rate	1-7
Aspirate Tubes 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
Liquid Path Materials	
Plate processing speed	
1 cycle 300 µl	7 s
3 cycles 3000 µl each	17 s
Dimensions	38 x 56 x 36 cm 15 x 22 x 14 inch
Weight	17 kg 48 lb
Power Consumption	80 VA
Power Requirements	230 V 50 Hz/ 115 V60 Hz
Operating Temperature	10-40°C 50-104°F

The Zoom L is upgradeable to the Zoom Microplate Washer, please inquire with your Sales Representative about cost of upgrade.