

Autura 1000 Microplate Washer

Autura 1000 is a unique processor for the fully automated washing and filling of both, 96 and 384 well microplates, including deep well formats.

It is designed to achieve a fast and reliable microplate processing with high precision and repeatability, whilst allowing the user a multitude of individual adjustment possibilities.

- Accurate dispensing precision and low residual volumes.
- Optional aerosol protection cover.
- Unique open construction for easy integration with robotic systems.
- Plate sweep for the lowest residual volumes.
- Up to 25 user programmable wash protocols.
- Liquid level sensing in all reservoirs with audible and visual warning system.
- Extremely easy to clean and maintain.
- Autura accommodates all variants of 96 and 384 well microplates.
- Optional automatic rinse through wash head at set intervals.
- Internal RS232 port ensures Autura's robotic integration.
- USB port for remote computer interface.
- Remote control software available.

Additional features

- Easy exchange of wash heads.
- Heads availability in 8, 12, 16 and 24 concentric tip configurations.
- Easy to read back illuminated full alpha numeric display.
- Autura operates on 12V DC, supplied via an external switch mode power supply, thus enhancing operational safety.
- Separate dispense and aspirate channels reduce the possibility of cross contamination.
- Aerosol cover available as option.
- Compact design.
- CE marked.

Technical specification

Operating voltage/Hz	100-240V AC 50/60Hz
Max Current requirement	52VA
Dispense reservoir	Up to 2 x 2 litres
Waste reservoir	2 litres
Residual volume	3µl per well typical action or 1µl per well with sweep
Precision	CV = +/- 3%@300µl
Dispensing volume	25-1500µl in 25µl increments
Speed	2.5 mins*
Weight of complete system	6.2kg
Dimensions of complete system	230(w) x 480(d) x 320(h)mm

* to complete a 3 wash cycle using a double row 12 way head, 350µl/well, 96 well plate

Ordering information	Code no
8 channel washer (96 well plates)	8.1000
12 channel washer (96 well plates)	12.1000
16 channel washer (96 well plates)	16.1000
24 channel washer (96 well plates)	24.1000
16 channel washer (384 well plates)	16.1384
24 channel washer (384 well plates)	24.1384



Wash head for 96 well plate



Motorised wash head for 384 well plate





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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

www.wolflabs.co.uk

Tel : 01759 301142

Fax : 01759 301143

sales@wolflabs.co.uk

Please contact us if this literature doesn't answer all your questions.