

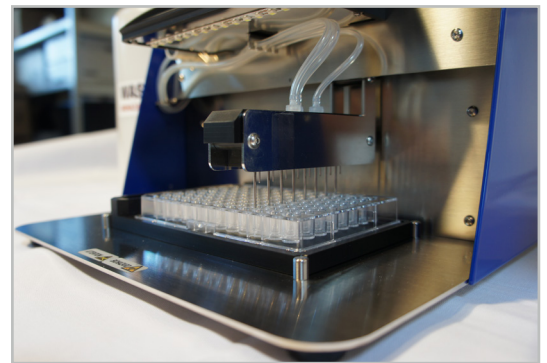
# DYNAWASH Automatic Fully Automated Microplate Reader



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### Key benefits of the DYNAWASH:

- This new generation ELISA washer is small and stylish, with a wide range of options for creating assays with smart assay programming via PC software.
- The DYNAWASH has an outstanding cost/benefit ratio.
- The compact and robust design of the instrument brings space saving to the laboratory.
- The working area is protected by a transparent cover which contains any aerosols from the washing procedure and the working area is illuminated during washing to enhance user visibility.



# DYNAWASH Automatic

## Fully automated washer for microplates

### Features

- Large two litre containers are supplied for the washing solutions, the instrument can be used with two solutions (wash buffer and water) and can also be extended to use up to four solutions (optional).
- The aspirated solution is collected in a two litre waste container equipped with a level sensor.
- The instrument is automatically flushed with water after each washing procedure, which ensures cleanliness through the tubing and wash head.
- Washing protocols are saved in the instrument and are controlled directly from the control panel and graphical colour display.
- A special "Timing" function can be used for the empty rows of the microplate after the washing of the last strip in a cycle (to ensure the constant washing conditions for all strips no matter how many rows are programmed).
- A "Safety Aspirate" function prevents any cross-contamination (the aspirate needle does not touch the bottom of the well).
- "Sweep Mode" function enables the programming of an extra aspiration position for the wells to achieve reproducibly low residual volumes
- A "Soak time" (pause interval) for each strip and after each plate cycle can be programmed.

### Programming of Washing Protocols

- Assays are pre-programmed using an external PC and washer assay editor software (supplied).
- 4 function steps: WASH, FILL, ASPIRATE and PURGE can be used for programming the assays separately or in any combination. Each of them can be repeated individually several times.
- The programmed washing protocols are imported to the instrument via USB connection or via SD card.

### Technical Specifications

8 channel washing head
Number of liquid: 2 (4 as an option)
A residual volume for a flat microplate is <math><2\mu\text{l}</math>
A reproducibility of a filling for 96 wells is <math><3.5\% \text{ CV}</math>
A variation of the volumes between the channels A-H is <math><3.5\% \text{ CV}</math>
Dimensions: 260mm x 360mm x 165mm



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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](http://www.wolflabs.co.uk)**

**Tel : 01759 301142**

**Fax : 01759 301143**

**[sales@wolflabs.co.uk](mailto:sales@wolflabs.co.uk)**

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