

Wellwash[®] 4 Mk 2

The Wellwash 4 Mk 2 combines high performance and flexibility with reliability, simplicity and ease of use. This microplate washer meets the exacting standards of today's assay requirements.



The Wellwash 4 Mk 2 comes with four standard program cards (1 – 4 washing cycles) and a programmable card.



The unique co-axial wash head ensures reliable washing.

Proven design

Wellwash 4 Mk 2 has unique co-axial wash heads, ensuring excellent washing efficiency and low residual volumes of less than 5 µl. For clean delivery of washing buffer, the inner dispensing tubes are made of stainless steel. A continuous vacuum in the outer tube prevents cross contamination and ensures complete liquid removal. Switching between the 8- and 12-way wash heads takes just a few seconds.

Quick and easy programming

For fast and accurate selection of routine protocols, the Wellwash 4 Mk 2 comes with four standard program cards (1 – 4 washing cycles). It is also available with a programmable card. Developed for user-defined programs, this card permits a quick selection of all wash parameters, including soak times and final wash protocols. A programmable dispensing volume of up to 750 µl enables effective removal of proteinaceous material in a top-washing process.

Effective liquid management

The quick-release bottle caps of the Wellwash 4 Mk 2 ensure easy buffer changes. An additional rinse bottle can be connected, making it easier to purge wash buffer from the wash head or change to a different wash buffer. Automatic pump shutdown, another useful feature, reduces wear and noise levels. If unused for 30 seconds, the wash pump of the Wellwash 4 Mk 2 automatically switches off.



Technical Specifications

Plate type	96-well plate
Weight	10 kg
Wash/waste bottle capacity	2 l + 2 l
Additional wash bottle capacity	2 l
Priming consumption	15 – 20 ml
Residual aspiration volume	< 5 µl
Dispensing precision	5%
Wash heads	8- and 12-way
Wash program cards	1 – 4 washes
Programmable card	Volume 0 – 750 µl Washes 1– 15 Soak time 0 – 10 min Pause 0 – 60 s
Wash time	120 s, 3 x 350 µl with 12-way wash head 165 s, 3 x 350 µl with 8-way wash head

→ Ordering information on pages 54–55.