

Thermo Scientific Wellwash AC

The Thermo Scientific Wellwash AC microplate washer is designed to guarantee excellent washing performance for ELISA applications in research and routine laboratories.

With utmost flexibility through its programmability, the Wellwash AC is a perfect microplate washer for research work. Its unique washing capabilities allow excellent reproducibility and reliability required for routine applications.

Excellent washing results and day-to-day reproducibility

Reproducible washing results required by routine applications are achieved with the unique design of the wash heads. Minimizing the residual volume of the washing solutions ensures that the best possible washing performance can be achieved.

Flexibility for research applications

Availability of three buffer solutions and a shaking feature together with the flexible onboard software let

the user create diverse washing protocols for a variety of research applications.

Fast washing for increased throughput

The twin-strip washing head increases the speed for higher throughput, and when connected to the Rapidstak stacker or a higher-end automation, routine washing steps can be totally automated.

Ordering information and technical specifications, see page 30.



Versatility, speed and ease of use for ELISA applications in research and routine laboratories.

Technical Specifications and Ordering Information

| Thermo Scientific Wellwash AC and Wellwash 4 Mk 2 | | | |
|---|--|--|--|
| | Wellwash AC | Wellwash AC Big Bottles | Wellwash 4 Mk 2 |
| Washing features | | | |
| Wash volume | 50 - 1000 µl in 50 µl increments | 50 - 1000 µl in 50 µl increments | 50 - 750 µl in 50 µl increments |
| No of washing cycles | 1 - 10 cycles | 1 - 10 cycles | 1 - 15 cycles with programmable card |
| Residual aspiration volume | ≤ 3 µl with normal aspiration mode ≤ 1 µl with sweep aspiration mode | ≤ 3 µl with normal aspiration mode ≤ 1 µl with sweep aspiration mode | ≤ 5 µl |
| Soaking time | 1 - 60 min | 1 - 60 min | 1 - 10 min |
| Wash time | 100 s, 3 x 350 µl with 2 x 12-way wash head; 140 s, 3 x 350 µl with 2 x 8-wash head | 100 s, 3 x 350 µl with 2 x 12-way wash head; 140 s, 3 x 350 µl with 2 x 8-wash head | 120 s, 3 x 350 µl with 12-way wash head 165 s, 3 x 350 µl with 8-way wash head |
| Priming and rinsing volume | 5-100 ml in 5 ml increments | 5-100 ml in 5 ml increments | 15-20 ml |
| General features | | | |
| Plate Type | 96-well plate | 96-well plate | 96-well plate |
| Wash heads | 8-, 12-, 16-, 24- way | 8-, 12-, 16-, 24- way | 8- and 12- way |
| User Interface | Keyboard with LCD screen | Keyboard with LCD screen | Wash program cards, programmable card |
| Program memory | 99 programs | 99 programs | NA |
| Shaking | Yes (orbital) | Yes (orbital) | NA |
| Containers | Wash bottle 2 x 2 l, rinse bottle 1 l, waste bottle 4 l | Wash bottle 2 x 4 liter, rinse bottle 2 liter, waste bottle 10 liter | Wash bottle 2 l, waste bottle 2 l |
| Robot compatibility | Yes | Yes | No |
| Dimensions (W x D x H) | 540 x 530 x 390 mm, includes bottle module 21.3 x 20.9 x 15.4 in. | 640 x 670 x 500 mm, includes bottle module 25.2 x 26.4 x 19.7 in. | 410 x 220 x 120 mm (washer unit) 16.1 x 8.7 x 4.7 in. 300 x 180 x 160 mm (pump unit) 11.8 x 7.7 x 6.3 in. |
| Weight | 13 kg (28.7 lbs.) | 14.8 kg (32.6 lbs.) | 10 kg (22 lbs.) |
| Ordering Information | | | |
| Cat. No | Description | | |
| 5160770 | Wellwash 4 Mk 2, 220 - 240 V 50 Hz | | |
| 5160772 | Wellwash 4 Mk 2, 110 - 120 V 60 Hz | | |
| 5161020 | Wellwash AC, 100 - 240 V 50/60 Hz | | |
| 5161030 | Wellwash AC Big Bottles, 100 - 240 V 50/60 Hz | | |