

Wellwash and Wellwash Versa washers for expanded functionality

Ease of use, convenience, and versatility for washing microplates in ELISA assays

Reliable and easy-to-use Thermo Scientific™ Wellwash™ microplate strip washers provide secure washing performance for routine and research ELISA applications. Wellwash washers feature a large color display with graphical user interface, local language versions, and non-pressurized bottles for optimal ease of use, convenience, and safety.



The Thermo Scientific™ Wellwash™ Microplate Washer is the basic model for washing 96-well plates. It is intended for use when only a few similar assays are run routinely. The Thermo Scientific™ Wellwash™ Versa Microplate Washer is the advanced model for 96-well plates that can also wash cells and 384-well plates, offering the enhanced flexibility needed for research use.

Wellwash and Wellwash Versa washers offer:

- Easy setup of wash protocols through a large color screen and a visual user interface
- A sweep mode to ensure an extremely low residual volume in the well, resulting in excellent washing performance and reliable ELISA results
- Adjustable wash parameters, such as dispense and aspiration height and aspiration speed, for optimal washing performance
- A USB port for transferring protocols between several washers and for printing reports and log files

In addition, the Wellwash Versa washer offers:

- Very fast and simple instrument setup and use with color-coded tube fittings and liquid-level sensor cables
- Wide selection of wash heads for 96-well plates and 1 x 16 wash head for 384-well plates
- Specially designed 2 x 8-cell wash head for gentle washing of cells in a 96-well plate
- Two wash bottles and one rinse bottle for increased flexibility
- Easy connection to automation systems

Convenient and simple to use

The large color screen makes Wellwash and Wellwash Versa washers very easy and convenient to use. The user interface is logical and intuitive, requiring minimal training so that protocols can be developed quickly. Ready-made demo protocols and a context-sensitive help feature is included in both instruments.

Optimal washing performance for reliable assay results

Wellwash washers efficiently remove liquid from wells. Very low residual volumes eliminate high background signal to ensure reliable assay results without decreasing assay analytical sensitivity or false-positive or -negative test results.

Residual volumes are further minimized by the crosswise sweep aspiration mode. By adjusting wash parameters such as the number of wash cycles, soaking time, shaking speed, dispense and aspiration height, and aspiration speed, washing performance can be optimized so that the best possible washing performance is achieved.

Reliable and secure performance

The wash and waste bottles in Wellwash washers are not pressurized, to minimize the risk of spillage and to prevent the washing liquid from being drawn into the aspiration pump, which could damage the instrument.

The liquid level sensors in both the wash and waste bottles help ensure safe performance. The plate sensor recognizes if a plate is present or not. The aerosol cover prevents aerosols of infectious diseases from spreading.

Added versatility for research use

Both washers feature linear shaking to increase washing efficiency.

A specially designed wash head is available for cell washing in 96-well plates. The wash parameters of the Wellwash Versa unit can be adjusted to achieve a gentle wash to remove excess liquid without disturbing the cell layer, critical for cell-washing applications.

In addition, installation qualification (IQ), operation qualification (OQ), and performance qualification (PQ) documents and service packages are available.

Pairing Wellwash instruments with Thermo Scientific™ ELISA assays

ELISAs are highly popular assays for protein quantitation because of their ease of use, remarkable analytical sensitivity, and the rapid and consistent results they provide, which are simple to analyze. By automating the washing steps with the aid of the Wellwash and Wellwash Versa instruments, the assay performance can be greatly improved. This is especially relevant when running a large number of ELISA plates every day.

We offer a wide selection of ELISA kits, which are developed to meet customers' expected specifications, including standard calibration, precision, analytical sensitivity and specificity, recovery, lot-to-lot consistency, linearity, and parallelism.

Learn more at thermofisher.com/elisa

Ordering information

Product	Cat. No.
Wellwash Microplate Washer, 1 x 8, 100–240 V, 50/60 Hz, includes 1 x 8 wash head, 1 x 2 L wash bottle, 1 x 2 L waste bottle, aerosol cover	5165000
Wellwash Microplate Washer, 1 x 12, 100–240 V, 50/60 Hz, includes 1 x 12 wash head, 1 x 2 L wash bottle, 1 x 2 L waste bottle, aerosol cover	5165040
Wellwash Versa Microplate Washer, 2 x 8, 100–240 V, 50/60 Hz, includes two 1 x 8 wash heads, 2 x 2 L wash bottle, 1 x 2 L rinse bottle, 1 x 4 L waste bottle, aerosol cover	5165010
Wellwash Versa Microplate Washer, 2 x 12, 100–240 V, 50/60 Hz, includes two 1 x 12 wash heads, 2 x 2 L wash bottle, 1 x 2 L rinse bottle, 1 x 4 L waste bottle, aerosol cover	5165050

