



**Thermo Scientific  
Wellwash and  
Wellwash Versa  
Strip Washers**



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

## Thermo Scientific Wellwash and Wellwash Versa – Ease of use, convenience and versatility for washing microplates in ELISA assays

The Thermo Scientific Wellwash and Wellwash Versa are easy-to-use strip washers that offer convenience through a graphical user interface, eight language versions and a USB port.

The Wellwash<sup>®</sup> is the basic model for washing 96-well plates only. It is intended for use when only a few similar assays are run routinely. The Wellwash Versa is the advanced model which can also wash cells and 384-well plates, offering enhanced flexibility needed for research use.

### Thermo Scientific Wellwash offers

- Easy set-up of wash protocols through a large color screen and a visual user interface
- Convenience with internal software available in eight languages: English, French, German, Spanish, Portuguese, Russian, Japanese, and Chinese
- A USB port for transferring protocols between several washers, and easily updating the internal software
- A sweep mode to guarantee an extremely low residual volume in the well, resulting in excellent washing performance and reliable assay results

### Thermo Scientific Wellwash Versa offers

- Double 2 x 8 and 2 x 12 wash heads, 1x16 wash head, and two wash bottles and one rinse bottle for increased flexibility
- Specially designed 1 x 8 and 2 x 8 wash heads enabling cell washing
- Adjustable wash parameters, such as dispense and aspiration height and the aspiration speed for optimal washing performance

### Easy and convenient to use

The large color display makes the Thermo Scientific Wellwash and Wellwash Versa very easy and convenient to use. The user interface is logical and intuitive, requiring minimal training so that protocols can be developed quickly. A context-sensitive help feature is included in both instruments. The internal software is available in eight languages (English, French, German, Spanish, Portuguese, Russian, Japanese, and Chinese) adding more convenience of use.

Color-coded tube fittings and liquid level sensor cables enable fast instrument set-up. The removable priming vessel and built-in maintenance programs offer easy maintenance. A quick change of manifolds facilitates the use of different plate types and applications.

### Optimal washing performance for reliable assay results

The Wellwash washers efficiently remove liquid from wells. Very low residual volumes eliminate high background signal to ensure reliable assay results without the possibility of decreased assay sensitivity or false positive or negative test results.

Residual volumes are further minimized by the crosswise sweep mode. By adjusting wash parameters, such as the dispense and aspiration height, and the aspiration speed, washing performance can be optimized to guarantee that the best possible washing performance is achieved.



Wellwash Versa



Wellwash

## Reliable and secure performance

The wash and waste bottles in the 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. For added convenience, users can substitute bottles of different sizes.

After using the instrument, the automatic rinse feature can be set to operate in a specified time sequence to ensure that the liquid channels do not get clogged. The auto-prime feature dispenses a small amount of liquid at a selected time interval.

The liquid level sensors in both the wash and waste bottles guarantee 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 USB flash memory stick transfers protocols between the PC and the washer, or several washers. It also facilitates easy update of the internal software, and downloading log files and reports.

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

Bottle stands for the included bottles as well as a special stand for user bottles are available for added convenience. A four liter wash bottle and a nine liter waste bottle are also available for the Wellwash Versa for automation applications.

To increase assay throughput, the Wellwash Versa can be connected to automation systems such as the Thermo Scientific RapidStak microplate stacker.

## Accessories

### Bottle stands



*Bottle stand 1 x 2 configuration  
Wellwash*



*Bottle stand 1 x 4 configuration  
Wellwash Versa*



*Bottle stand 2 x 2 configuration  
Wellwash Versa*



*Bottle stand for user bottles*

### Bottles



*9 l waste bottle*

*4 l buffer bottle*

### Wash heads



*1 x 8 wash head*



*2 x 12 wash head*



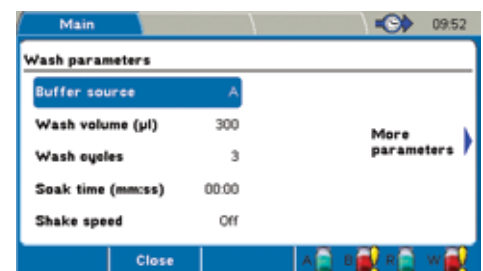
*1 x 16 wash head*



*Wellwash Versa with a USB flash memory stick*



*Wellwash Versa user interface - main view*



*Wellwash Versa user interface - wash parameters*



Technical Specifications		
Feature	Wellwash	Wellwash Versa
Number of wash buffers	1	Up to 3
Bottles	2 l wash bottle, 2 l waste bottle	2 x 2 l wash bottles, 1 x 2 l rinse bottle, 4 l waste bottle
Wash heads	1 x 8 and 1 x 12 wash head	1 x 8, 1 x 12, 2 x 8, 2 x 12, and 1 x 16 wash heads, 1 x 8 and 2 x 8 cell wash heads
Plate types	96-well plates	96-, 384-well plates
Wash volume	50-1000 µl	50-1000 µl (96), 20-300 µl (384)
Prime volume	5-100 ml	5-100 ml
Rinsing volume	5-100 ml	5-100 ml
Dispensing volume	50-400 µl	50-400 µl (96), 20-120 µl (384)
Residual volume	< 1.5 µl	< 1.5 µl
Data connection	USB port	USB port
Robot compatible	No	Yes (RS-232C)
Dimensions (HxWxD)	345 x 385 x 240 mm 13.6 x 15.2 x 9.4 in.	345 x 385 x 240 mm 13.6 x 15.2 x 9.4 in.
Weight	9 kg (20 lbs.)	9 kg (20 lbs.)

Ordering Information			
Catalog Number	Description		
5165000	Wellwash, 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		
5165010	Wellwash Versa, 100-240 V, 50/60 Hz, includes 2 x 8 wash head, 2 x 2 l wash bottle, 1 x 2 l rinse bottle, 1 x 4 l waste bottle, aerosol cover		
Wellwash Accessories			
Catalog Number	Description	Wellwash	Wellwash Versa
N10800	1 x 8 wash head	X	X
N10801	1 x 12 wash head	X	X
N10802	1 x 8 cell wash head, Wellwash Versa	-	X
N10803	1 x 16 wash head, Wellwash Versa	-	X
N10804	Blank wash head, Wellwash Versa	-	X
N10805	2 l wash bottle, Wellwash	X	-
N10806	2 l waste bottle, Wellwash	X	-
N10807	2 l wash bottle A, Wellwash Versa	-	X
N10808	2 l wash bottle B, Wellwash Versa	-	X
N10809	2 l rinse bottle, Wellwash Versa	-	X
N10810	4 l waste bottle, square	X	X
N10811	4 l wash bottle A, round	X	X
N10812	4 l wash bottle B, round, Wellwash Versa	-	X
N10813	4 l rinse bottle, round, Wellwash Versa	-	X
N10814	9 l waste bottle, rectangular, Wellwash Versa	-	X
N10815	Aerosol cover, Wellwash	X	-
N10816	Aerosol cover, Wellwash Versa	-	X
N10817	Bottle stand 1 x 2 configuration (2 x 2 l bottles), Wellwash	X	-
N10818	Bottle stand 2 x 2 configuration (3 x 2 l bottles, 1 x 4 l bottle, square), Wellwash Versa	-	X
N10819	Bottle stand 1 x 4 configuration (3 x 2 l bottles, 1 x 4 l bottle, square), Wellwash Versa	-	X
N10820	Bottle stand for user bottles	X	X
N10821	Storage bottle 2 l	X	X
N10822	Storage bottle 4 l, round	X	X

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