

ImmunoWash™ 1575 Microplate Washer

Essential Microplate Washer that Streamlines any Assay Workflow

A flexible and user-friendly instrumentation for delivering, mixing, and removing liquids from microtiter plates, the ImmunoWash 1575 microplate washer improves efficiency for many microplate applications.

Feature

Benefit

Up to 110 protocols can be saved and easily modified. Each protocol is a combination of 4 adjustable procedures (washing, aspiration, dispensing, and agitation) and multiple cycles	<ul style="list-style-type: none"> Washing procedures are accurate and efficient at highest level of optimization Delivers exact reproducibility of assays and repeatability of workflows
Programmable horizontal and vertical needle positions (accurate to within 0.1 mm) to support bottom washing, crosswise aspiration, and overflow washing	<ul style="list-style-type: none"> Accommodates assays with special requirements (sediments, coagulants, low volumes, low liquid agitation requirements) Saves reagents and time
Overflow washing with circular flow of liquid in each well	<ul style="list-style-type: none"> Provides high wash efficiency without compromising throughput Replaces tedious sequences of repeated aspiration and dispensing steps
Crosswise aspiration	<ul style="list-style-type: none"> Minimizes residual volume to below 6 µl per well
Dispenser speed control	<ul style="list-style-type: none"> Delivers higher volume accuracy
Adjustable plate shaking	<ul style="list-style-type: none"> Minimizes bubbles and liquid adherence to well sides
Easily accessible for cleaning and maintenance Removable and autoclavable plate carrier Aerosol protection cover Preprogrammed disinfection protocol	<ul style="list-style-type: none"> Satisfies concerns about use of infectious agents and samples that are sensitive to the environment Easy decontamination and prevention of contamination
Integrated and automated vacuum and dispensing pumps	<ul style="list-style-type: none"> Ensures accurate and quiet washing, eliminating the need for bulky, noisy external pumps Improves working conditions for lab personnel Lowers maintenance costs
Easy to install 8- and 12-channel manifolds	<ul style="list-style-type: none"> Allows for different orientations of the washing procedure in plate and individual strips
Multilingual (English, French, Russian) interface via LCD display	<ul style="list-style-type: none"> Accommodates localized regulatory requirements and communication standards



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Specifications

Residual well volume	<6 µl
Soak time	0–9.9 sec in strip mode 0–59 min in plate mode
Available manifolds	8- and 12-way
Protocol storage capacity	110 protocols
Compatible plate types	Any flat- or round-bottomed plate
Waste bottle volume	2,000 ml
Vacuum	Integrated vacuum pump, 9 L/min
Dimensions (W x D x H)	34.5 x 42.3 x 20.0 cm
Weight	10.3 kg
Operating conditions	15–40°C, 15–85% relative humidity
Voltage	200/100 VAC; 50/60 Hz
Consumption	100 VA maximum
User interface	2 x 20 character LCD screen; 5 diaphragm keys; flat keyboard

Ordering Information

Catalog #	Description
170-7009	ImmunoWash 1575 Microplate Washer , 100–240 V, includes bottle and tubing set, 8-port manifold, aerosol protection cover, power cord, instructions
170-7021	ImmunoWash 1575/MICROTECH™ 12-Channel Manifold
170-7026	ImmunoWash 1575 Standard Maintenance Kit



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