ELISA Microplate Washer - Automatic Plate Washer - 8 and 12 Way Manifold - 96 Well

Model **MSMPW-H310SWISS, MSMPW-H320SWISS** | Brand **Master Science**





The Master Science ELISA Microplate Washer automates the washing steps of ELISA on 96- and 48-well plates with flat, U or V-bottom wells. It can wash a whole plate or just the strips in use, with both 8-way and 12-way manifolds supplied.

KEY HIGHLIGHTS

- Consistent washing
- Wash only what you use
- Thorough cleaning
- Safe, unattended runs
- Fast setup

AT A GLANCE

≤ 10 %
DISPENSE ACCURACY

Request a Quotation
Contact us for pricing, configuration options and delivery details.

support@themsci.com
www.themsci.com

Scan to view online

Overview

Two-point aspiration leaves no more than 1 µL per well, and bottom rinsing, overflow cleaning, soaking and shaking help remove unbound material thoroughly. Up to 120 wash protocols can be saved.

Key Benefits

Consistent washing
the Master Science ELISA Microplate Washer leaves ≤ 1 µL per well.

Wash only what you use
strip mode for partial plates.

Thorough cleaning
bottom rinse and overflow functions.

Safe, unattended runs
pressure monitoring and liquid warnings.

Fast setup
120 saved protocols.

Read washed plates on the Master Science ELISA microplate reader.

Technical Specifications

GENERAL

General	Specifications of the Master Science ELISA Microplate Washer (H310 / H320):
Brand	Master Science
Model Number	MSMPW-H310SWISS, MSMPW-H320SWISS
SKU	MSMPW-H310SWISS, MSMPW-H320SWISS
Brand	Master Science
Model Numbers	MSMPW-H310SWISS, MSMPW-H320SWISS
SKU	MSMPW-H310SWISS, MSMPW-H320SWISS
Plate Types	96- and 48-well; flat, U or V bottom
Manifolds	8-way and 12-way included
Wash Modes	Plate mode and strip mode (1 to 12 strips)
Wash Cycles	0 to 99
Soak Time	0 to 3600 s
Shake Time	0 to 600 s
Residual Volume	≤ 1 µL per well
Dispense Volume	50 to 3000 µL per well
Aspiration Time	0.1 to 9.9 s
Dispense Accuracy	**≤ 10 %**
Washing Method	Two-point aspiration, bottom rinse, overflow cleaning, adjustable pressure
Monitoring	Automatic vacuum and pressure monitoring, liquid level warning, emergency stop
Programs	More than 120
Pump (H320)	Imported German pump
Interface	8-key membrane keypad, high-brightness LCD
Power Supply	100 to 240 V AC, 50/60 Hz

DIMENSIONS & WEIGHT

Dimensions (L × W × H)	448 × 382 × 163 mm
Net / Gross Weight	8 kg / 14 kg

HOW THE MASTER SCIENCE ELISA MICROPLATE WASHER IMPROVES ELISA RESULTS

High background from poor washing	low residual and bottom rinse.
Manual washing variability	automated, programmed cycles.
Wasting reagents on partial plates	strip mode.
Waste bottle overflow	liquid level warning.

Applications

The Master Science ELISA Microplate Washer is used for
ELISA plate washing Immunoassay washing steps Strip-based ELISA kits Clinical and research laboratories

Washing

- 8 and 12-way manifolds
- Plate or strip mode
- Soak and shake functions

Precision

- Two-point aspiration
- ≤ 1 µL residual
- Adjustable wash pressure

Control and Safety

- LCD with membrane keypad
- 120 programs
- Vacuum, pressure and liquid alarms

Standard Accessories Included

- Washer unit
- 8-way manifold
- 12-way manifold