Laboratory Glassware Washer - Compact Benchtop Washer - 90 L Chamber - 93°C Wash

Model **MSLWD-60SWISS** | Brand **Master Science**







The Master Science Laboratory Glassware Washer automatically cleans test tubes, beakers, flasks, cylinders, pipettes, petri dishes and vials using high-temperature, high-pressure water combined with detergent. Water intake, washing, rinsing and draining run without manual intervention.

KEY HIGHLIGHTS

- Consistent cleanliness
- Saves staff time
- Fits small labs
- Lower water use
- Safe operation

AT A GLANCE

90 L
CHAMBER VOLUME

Ambient to 93 °C (control up to 99 °C)
WATER TEMPERATURE

470 × 462 × 422 mm
CHAMBER SIZE (W × D × H)

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

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Overview

Its compact, lightweight body fits on or under the bench, and a single rack can hold up to 120 test tubes or autosampler vials per run. Cleaning results achieve organic residues below 0.1 mg/L and metal ion residues below 0.02 mg/L.

> For ultrasonic cleaning of small parts, see the Master Science laboratory instrument range.

Key Benefits

Consistent cleanliness
controlled temperature, pressure and dosing give reproducible results batch after batch.

Saves staff time
the Master Science Laboratory Glassware Washer fills, washes, rinses and drains automatically.

Fits small labs
benchtop or built-in installation with a small footprint.

Lower water use
about 10 L of circulating water per cycle.

Safe operation
the door locks during washing and alarms report any problem.

Technical Specifications

GENERAL	
Brand	Master Science
Model Number	MSLWD-60SWISS
SKU	MSLWD-60SWISS
Chamber Volume	90 L
Wash Programs	Fast, standard, enhanced; adjustable time, temperature and dosing
Water Temperature	Ambient to 93 °C (control up to 99 °C)
Heating	3 kW, up to 5 °C/min
Wash Pump	0.25 kW circulation pump, about 10 L per cycle
Residue Performance	Organic < 0.1 mg/L; metal ions < 0.02 mg/L
Detergent Dosing	Two peristaltic pumps for detergent and neutraliser
Water Inlets	Tap water and purified water; built-in booster pump for pure water
Materials	SUS304L housing; SUS316L wash chamber; PTFE rack couplings
Spray System	Upper and lower rotating spray arms; parallel spray columns
Safety	Door lock, emergency release, detergent-low, door, overflow and inlet alarms
Display	Color LCD, English interface
Power Supply	220 V, 50 Hz

DIMENSIONS & WEIGHT	
Chamber Size (W × D × H)	470 × 462 × 422 mm
External Size (W × D × H)	529 × 648 × 650 mm
Package Size	780 × 650 × 900 mm

COMMON LABORATORY PROBLEMS AND HOW THIS WASHER HELPS	
Common Laboratory Problems and How This Washer Helps	How the Master Science Laboratory Glassware Washer improves glassware cleaning:
Inconsistent manual washing	automatic programs give the same result every time.
Residues affecting trace analysis	low organic and metal residues meet analytical needs.
Scalds and splashes	the locked door prevents exposure during washing.
Limited bench space	compact size fits on the bench or under it.
Hand dosing of detergent	peristaltic pumps add exact volumes.

The Master Science Laboratory Glassware Washer is used in

- **Pharmaceutical QC laboratories**
- **Food and chemical testing labs**
- **Universities and research institutes**
- **Third-party testing laboratories**

HPLC vial and test tube cleaning

Cleaning System

- Rotating upper and lower spray arms
- Rear water feed with automatic rack coupling
- Parallel spray columns for even coverage
- Heating up to 93 °C

Control

- Microcomputer with color LCD
- Three preset programs
- Adjustable time, temperature and dosing

Construction

- 316L stainless wash chamber
- Insulated, low-noise body
- Dual water inlets with booster pump

Standard Accessories Included

- One cleaning rack
- One container of cleaning liquid
- One container of neutralising liquid

Optional Accessories

- Additional racks for different glassware types