Economical Vacuum Aspirator 0-500 mbar, 17 mL/s Compact Lab Aspirator with Brushless Motor

Model **MSVAS-ESWISS** | Brand **Master Science**











The Master Science Economical Vacuum Aspirator is a small, budget-minded unit for clearing media, supernatant and wash liquid. Its footprint is compact enough to sit inside a biosafety cabinet, on the bench, or on the floor next to you.

KEY HIGHLIGHTS

- Fits where space is tight
- Less hand strain
- Quiet, long-lived motor
- Safe waste handling

AT A GLANCE

0-500 mbar	15 L/min
VACUUM RANGE	ASPIRATING SPEED (AIR)

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

support@themsci.com
www.themsci.com

Scan to view online

Overview

A brushless motor pulls up to 500 mbar and moves liquid at about 17 mL/s. The handle switches between manual and continuous aspiration, and a hydrophobic filter keeps aerosols and liquid away from the pump. A 2 L bottle comes as standard, with a 1 L bottle available as an option.

For higher vacuum, adjustable flow and a 4 L bottle with level sensing, compare the Master Science Economical Vacuum Aspirator with our liquid vacuum aspiration system.

Small labs often make do with pipettes or improvised traps. The Master Science Economical Vacuum Aspirator fixes the usual weak points:

Key Benefits

Fits where space is tight
The Master Science Economical Vacuum Aspirator is small enough for a safety cabinet, a crowded bench or the floor.

Less hand strain
Continuous mode lets you aspirate without holding a trigger the whole time.

Quiet, long-lived motor
The brushless drive runs with low noise and little wear.

Safe waste handling
A hydrophobic filter and autoclavable liquid path keep biological waste contained.

Technical Specifications

GENERAL

Brand	Master Science
Model Number	MSVAS-ESWISS
SKU	MSVAS-ESWISS
Brand	Master Science
Model	MSVAS-ESWISS
SKU	MSVAS-ESWISS
Vacuum range	**0-500 mbar**
Aspirating speed (air)	15 L/min
Flow rate (liquid)	17 mL/s
Waste bottle	2 L standard, 1 L optional
Motor type	Brushless motor
Aspiration modes	Manual and continuous
Filter	Hydrophobic filter
Autoclavable parts	All liquid-contact parts
Input voltage	100-220 VAC, 50/60 Hz

DIMENSIONS & WEIGHT

Dimensions (W×D×H)	180 × 240 × 340 mm
Weight	2.8 kg

LAB PROBLEMS THE MASTER SCIENCE ECONOMICAL VACUUM ASPIRATOR ADDRESSES

Time lost pipetting off liquid	Vacuum draw clears a plate or flask far faster than manual removal.
Tired hands during long sessions	Continuous mode removes the need for constant trigger pressure.
Aerosol risk	The hydrophobic filter blocks droplets from reaching the pump.
Limited bench space	The compact body fits inside cabinets and on small benches.

Applications

Common tasks for the Master Science Economical Vacuum Aspirator: Removing media from culture flasks, dishes and multi-well plates Supernatant removal after centrifugation Wash steps in plate-based assays Aspirating liquid from sample tubes Collecting biological liquid waste in cell culture and microbiology labs

Performance

- Vacuum up to 500 mbar
- 15 L/min air speed and 17 mL/s liquid flow
- Brushless motor for low noise and long life

Handling

- Simple handle with manual and continuous aspiration
- Adapters available for many tubes, plates and dishes
- Compact body for cabinet, bench or floor use

Contamination control

- Hydrophobic filter stops aerosols and liquid
- All parts in the liquid path autoclavable
- Closed collection of biological liquid waste

Standard Accessories Included

- Main unit
- 2 L waste bottle
- Aspiration handle with tubing
- Hydrophobic filter

Optional Accessories

- 1 L waste bottle
- Adapters for different labware