

TECHNICAL DATA SHEET

ALab™ Smart VAC Bench-Top Compact Vacuum Aspirator

Bench-Top Compact Vacuum Aspirator · 0–600 mbar · 1 L bottle · rechargeable battery



ALab™ Smart VAC Bench-Top Compact Vacuum Aspirator

The ALab™ Smart VAC Bench-Top Compact Vacuum Aspirator. Image shown for reference.

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SECTION I

Product Overview

The ALab™ Smart VAC is a 1L bench-top compact vacuum aspirator designed for flexible handling of small amounts of liquids, with one key control, easy operation and wide application. It is suitable for any bench top space including laminar flow cabinet.

One-key start with built-in rechargeable battery, continuous work for 5 hrs after fully charged; aspiration speed up to 1.6 L/min with hydrophobic filters against contamination; dual function of aspiration and filtration.

SECTION II

Core Advantages

- **Portable** — small foot print, laminar flow cabinet
- **Start** — one key, built-in rechargeable battery
- **Speed** — up to 1.6 L/min, hydrophobic filters
- **Bottle** — independent of vacuum source and power
- **Runtime** — 5 hrs after fully charged
- **Function** — aspiration and filtration

SECTION III

Specifications

Technical data — Smart VAC

Specifications	
Brand	ALab™ by ACS Material
Model	Smart VAC
SKU #	ALSVAC00
Product Type	Bench-top compact vacuum aspirator
Vacuum range	0–600 mbar
Aspiration speed	1.6 L/min (air)
Bottle	1L collection bottle in standard package; 500mL bottle with an adaptor, or filtration flask optional
Adapter	1mL tip detrusion adapter, 8-channel tip detrusion adapter
Motor type	Brushless DC motor / Brush motor
Power	DC 12 V, 1.0 A
Battery	Rechargeable lithium battery 2000mA/h
Noise level	53 dB
Dimensions [W×D×H]	127×144×244 mm
Weight	0.5 kg

Bottles, flask and adapters — Smart VAC

Bottles, flask and adapters	
Item	Status as printed
1L collection bottle	In standard package
500mL collection bottle (autoclavable)	Optional, with an adaptor
Filtration flask	Optional
1mL tip detrusion adapter	Adapter (specification table)
8-channel tip detrusion adapter	Adapter (specification table)

SECTION IV

Applications

Listed applications of the Smart VAC: removal of supernatant from pellets, removal of culture media, quick removal of spillage from the bench top, and vacuum filtration.

Product value: compact and portable with a small foot print, one-key start on a built-in rechargeable battery, aspiration speed up to 1.6 L/min with hydrophobic filters, and dual function of aspiration and filtration with a 1L collection bottle in the standard package.

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