

E-VAS-A

4L Vacuum Aspiration System

Features

- Ideal laboratory tool to avoid lab air contamination and protect personnel safety by correctly handling liquid waste.
- Compact, user-friendly design
- Adjustable vacuum level with control knob and indicator light
- Level detection system prevents bottle overflow
- The parts in contact with liquids are autoclavable
- Easy to disassemble and clean
- Quick release bottle-pipe fittings that are self closing to avoid release of drops or aerosols from disconnected bottle
- Easy to switch between manual and continuous aspiration
- Wide range of adapters to be used with different tubes, microplates and disk plates, all of which can be fully autoclaved at 121°C, 1 bar for 20 minutes

Applications

Safe and efficient system for labs handling critical or biological liquid waste. It can be widely used in cell culture, DNA extraction, micro plate waste removal, and any other liquid separation or recovery. Best replacement for the common vacuum pump, for all kinds of waste liquid recovery, especially biological, chemical and radioactive liquids.



Accessories

Code	E-VAS-F0.45	E-VAS-ASR
Picture		
Type	0.45µm Hydrophobic Filter	Accessory Storage Rack
Included	Yes	No

Specifications	E-VAS-A
Volume range [mBar]	0-600
Aspiration speed (air) [L/min]	15
Flow rate [mL/s]	17
Bottle [L]	4
Autoclavable components	Tube, waste bottle, operation handle
Quick release pipe fittings	Yes
Water level sensor	Yes
Vacuum pump motor	Brushless DC
Noise level [dB]	≤55
Voltage, frequency	100-240VAC, 50/60Hz
Dimensions (WxDxH) [mm]	180x240x450
Weight [kg]	3
Permissible ambient conditions	10-40°C, 80%RH

Accessory	1	2	3	4	5	6	7	8
Picture								
Type	8-channel tip ejector adapt. 200ul tip	8-channel needle Ø1.5mm	Single needle Ø2.5mm, 40mm	Single needle Ø2.5mm, 120mm	Single needle Ø1.5mm, 40mm	Single needle Ø1.5mm, 120mm	Tip ejector adapter 200uL tip	Tip ejector adapter 1mL tip
Included	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes