



## Tabletop Vacuum Aspirator System

**Cat. No. Q5136**

### Product Description

abm's Tabletop Vacuum Aspirator System is designed and manufactured for chemical testing, clinical testing, bio-engineering, metallurgy, environmental protection, and various other laboratory applications. The vacuum decompression device can be used for liquid absorption, drainage, or decompression functions which are all widely applicable in a number of processes including: the preparation of monoclonal antibodies; fluid exchange of liquid after fusion; extraction of supernatants and sediment after centrifugation; and washing of the ELISA plate. Other uses include the rapid pumping of spectrophotometers or a variety of biochemical analyzers with a flow cell device, or to replace the water shock decompression of the glass pump.

### Specifications

- Max Neg. Pressure: 0.08 mpa
- Neg. Pressure Regulation: 0 – 0.08 mpa
- Max. Evacuation Speed: 6 L/min
- Capacity: 1000 ml
- Overall Dimensions (w x d x h): 295 x 240 x 250 mm
- Electrical Requirement: 110~220V

### General Operating Guidelines

1. Ensure the liquid collection bottle cap is tightly screwed to create a vacuum prior to use.
2. To operate the machine, plug in the machine and turn on the on/off switch. Adjust the negative pressure knob as needed. Hold the tip of the pipette and submerge under the liquid for suction.
3. Never allow the liquid collection bottle to overflow. It is advised to drain the collection bottle when it is at 80% capacity. Overfilled bottle can cause damage to the pump's circuit board and such damage is not covered in the warranty.
4. This aspirator system is equipped with an integrated 0.22  $\mu\text{m}$  micro-biological hydrophobic filter designed to trap any bacteria, viruses, or infected particles which may have been present in the aspirated solutions. The outer diameter of this filter is 55 mm, and the membrane diameter is 47 mm.
5. This aspirator system is equipped with a 160 mm (including 200  $\mu\text{m}$  pipette tip) pipette tip suction device and 270 mm stainless steel pipette tip. The pipette tip can be autoclaved.