

# MQ Vacuum-controlled Aspiration System

Cat No: VCA-M-2

**MOLEQULE-ON**<sup>®</sup>



## Description

The MOLEQULE-ON's Vacuum-controlled Aspiration System (VCA-M-2) is small, compact and easy to use system for the convenient handling of liquid waste disposal. VCA-M-2 is suitable for any application where the single liquid suction volume is less than 2L. The applicability includes use of various common consumables, which can be widely used in the collection and removal of liquids in experiments of microorganisms, molecules, proteins, cells, etc., and other applications such as RNA/DNA extraction, Western blots and ELISA.

## Features

- Small and compact to fit in the cabinet, on the benchtop or even beneath the bench.
- Easy to switch between manual aspiration and continuous aspiration mode, reducing RSI (Repetitive Strain Injury) and improving efficiency.
- Collection bottle outlet with hydrophobic filter prevents aerosol and liquid contamination.
- Brushless motor offers low noise and long life.
- The parts in contact with liquids can be autoclaved.
- Adjustable vacuum level with indicator light is designed for various applications.

## Applications

- Aspiration of supernatant after centrifugation
- Aspiration of eluent
- Removal of supernatants during nucleic acid extraction
- Removal of culture media
- Removal of wash solutions from immuno-assay well-plate
- Removal of buffers of Western blot strips
- Removal of excess liquid from slides and Petri dishes



## Specifications

<b>Model</b>	<b>VCA-M-2</b>
Vacuum range	0-500mbar
Maximum flow	15L/min (air)
Maximum aspiration speed	17mL/s (Liquid)
Bottle	2L Standard
Motor type	Brushless motor
Input voltage	100-22VAC, 50/60Hz