

## EcoVac Economical Vacuum Aspirator

Small, compact and easy to use system for the convenient handling of liquid waste disposal.

### Features

1. Small and compact to fit in cabinet, bench-top and even below the work station
2. Easy to switch between manual aspiration and continuous aspiration mode, reducing hand fatigue and improving efficiency
3. Collection bottle outlet with hydrophobic filter prevents aerosol and liquid contamination
4. Brushless motor offers low noise and long life
5. Different adapters are available to fit a multitude of laboratory supplies
6. The parts in contact with liquids can be autoclaved
7. Adjustable vacuum level with indicator light is designed for various applications



### Applications

EcoVac 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 EEISA.

1. Aspiration of supernatants after centrifugation
2. Aspiration of eluent
3. Removal of supernatants during nucleic acid extraction
4. Removal of culture media
5. Removal of wash solutions from immuno-assay well-plate
6. Removal of buffers of Western blot strips
7. Excess liquid from slides and Petri dishes



### Specifications

<b>Vacuum range</b>	<b>0-500mbar</b>
<b>Aspirating speed</b>	<b>15L/min (air)</b>
<b>Flow rate [liquid]</b>	<b>17mL/s</b>
<b>Bottle</b>	<b>2L Standard, 1L bottle adaptor, optional</b>
<b>Motor type</b>	<b>Brushless Motor</b>
<b>Input voltage</b>	<b>100-220VAC, 50/60Hz</b>
<b>Dimension[WxDxH]</b>	<b>180x240x340mm</b>
<b>Weight</b>	<b>2.8kg</b>

<b>A</b>	<b>8-channel tip detrusion adapter 200µL tip</b>
<b>B</b>	<b>8 channel needle Ø1.5mm</b>
<b>C</b>	<b>Single needle Ø2.5mm, 40mm</b>
<b>D</b>	<b>Single needle Ø1.5mm, 40mm</b>
<b>E</b>	<b>Single needle Ø2.5mm, 120mm</b>
<b>F</b>	<b>Single needle Ø1.5mm, 120mm</b>
<b>G</b>	<b>tip detrusion adapter 200µL tip</b>
<b>H</b>	<b>tip detrusion adapter 1mL tip</b>
<b>I</b>	<b>1L bottle adapter</b>
<b>J</b>	<b>1L bottle</b>

