Aspirator

Comfortable and safe aspirations of fluids

New!

Comfortable and safe aspirations of fluids and mobile vacuum for laboratories

www.starlabgroup.com
Aspirator

Comfortable and safe aspirations of fluids

The new STARLAB Aspirator is designed for safe and comfortable aspiration of fluids. The vacuum level and suction power is adjustable in eight steps, ranging from 150 to 850 mbar for safe and reproducible working. The chemically-resistant pump automatically switches on/off to reduce noise level in the workplace. The ergonomically-designed hand controller is fully autoclavable. Collection containers are available in two options; 4 L polypropylene and 2 L glass bottles. Additionally, the Aspirator can be used as a mobile vacuum source for sterile filtration and solid phase extraction.

Product features

- Chemically-resistant, high performance pump with long service life
- Intuitive, reproducible adjustment of suction power via touchpad
- Ergonomic, fully autoclavable hand controller with flow through suction tube for quick yet safe action
- Auto ON-OFF pump switch with low noise emission for a quieter working environment
- Hydrophobic filter prevents contamination of environment and provides overfill protection
- Special inlet pipe reduces build-up of foam and aerosols in the collection bottle
- Collection bottles made from polypropylene or coated glass can be autoclaved with filters attached for safe handling
- Optional self-sealing quick couplings facilitate safe and fast exchange of collection bottles containing biological risk material
- Compact housing and carrying handle provides space-saving line-up and flexible, mobile working
- An additional hand controller can be easily attached to double productivity
The functional, ergonomically-designed hand controller is fully autoclavable. Pressing the lever allows fine adjustment of the suction power and permanent suction can also be enabled. The continuous tubing prevents contamination of the interior of the hand controller. Adapters for pipettes and pipette tips (200, 300 and 1000 μl) and a wall mount are supplied with the hand controller.

Experience workplace convenience with the functional stainless stand (N2400-9004) and the single-channel adapter with ejector for 200 μl pipette tips.

The 8-channel adapter for 200 μl and 300 μl pipette tips is the perfect choice for working with cell-culture plates.

Autoclavable, self-sealing quick couplings allow safe decontamination of biological risk material.

2L glass bottle offers the highest chemical resistance for working with aggressive disinfectants.

The high performance pump allows the simultaneous use of an additional hand controller.
## Ordering Information

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Pack Size</th>
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<tbody>
<tr>
<td>N2400-9000</td>
<td>Aspirator, including 4L PP Bottle and Hand Controller*</td>
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<tr>
<td>N2400-9001</td>
<td>Hand Controller for Aspirator**</td>
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<tr>
<td>N2400-9002</td>
<td>Single-Channel Adapter with Ejector for Pipette Tips for Hand Controller</td>
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<tr>
<td>N2400-9003</td>
<td>8-Channel Adapter for Pipette Tips for Hand Controller***</td>
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<td>N2400-9004</td>
<td>Stand for Hand Controller</td>
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<tr>
<td>N2400-9005</td>
<td>Tubing for Hand Controller, 2.5 m</td>
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<tr>
<td>N2400-9006</td>
<td>Connection Kit with Inlet Pipe for Additional Hand Controller</td>
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<tr>
<td>N2400-9007</td>
<td>Protection Filter with Connective Tubing</td>
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<tr>
<td>N2400-9008</td>
<td>Quick Coupling (Hand Controller to Bottle) with Inlet Pipe</td>
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<tr>
<td>N2400-9009</td>
<td>Quick Coupling (Bottle to Pump)</td>
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<td>N2400-9010</td>
<td>4L PP Bottle with Protection Filter and Inlet Pipe</td>
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<td>N2400-9011</td>
<td>4L PP Bottle with Screw Cap</td>
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<td>N2400-9012</td>
<td>2L Glass Bottle with Protection Filter and Inlet Pipe</td>
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<td>N2400-9013</td>
<td>Adapter for 2L Glass Bottle</td>
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<tr>
<td>N2400-9014</td>
<td>Mobile Underframe</td>
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<tr>
<td>N2400-9015</td>
<td>Tool for Changing Diaphragm</td>
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</table>

* 1-year warranty
** Includes Adaptor for pipettes, adaptor for pipette tips, wall mount for hand controller and 2.5 m tubing.
*** Includes Stand

## Technical Specifications

- **Maximum pumping speed:** 16.7 l/min
- **Ultimate vacuum (absolute):** 150 mbar
- **Adjustable range of vacuum:** 150 - 850 mbar
- **Maximum permissible inlet/outlet pressure:** 1.1 bar
- **Maximum installation altitude:** 2000 m above mean sea level
- **Sound Emission:** 45 dB(A)
- **Mains connection:** 230 V + 10 %, 50/60 Hz
- **Power consumption:** 40 W
- **Ambient temperature:** 10 – 40 °C
- **Relative humidity:** 30 – 85 %
- **Dimensions (W x D x H):** 408 x 194 x 500 mm
- **Weight:** 7.3 kg

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**Well prepared!**

Our new Aspirator and our new CytoOne® Bottle Top Filtration Units provide the perfect combination for sterile filtration of cell culture solutions.

**Features**
- Fastest filtration system in the market
- 0.2 μm PES membrane
- Low protein binding
- Easy handling
- STARLAB quality guaranteed

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