



**New!**

SMART INSTRUMENTS

# *Aspirator*

*Comfortable and  
safe aspirations of fluids*

Comfortable and safe aspirations  
of fluids and mobile vacuum for  
laboratories



[www.starlab.co.uk](http://www.starlab.co.uk)

# 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 overflow 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  $\mu$ l) and a wall mount are supplied with the hand controller.



Experience workplace convenience with the functional stainless steel stand (N2400-9004) and the single-channel adapter with ejector for 200  $\mu$ l pipette tips.

The 8-channel adapter for 200  $\mu$ l and 300  $\mu$ l 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

Aspirator			
Cat. No.	Description	Pack Size	Price
N2400-9000	Aspirator, including 4L PP Bottle and Hand Controller*	1	£1515.00
N2400-9001	Hand Controller for Aspirator**	1	£130.72
N2400-9002	Single-Channel Adapter with Ejector for Pipette Tips for Hand Controller	1	£47.32
N2400-9003	8-Channel Adapter for Pipette Tips for Hand Controller***	1	£351.18
N2400-9004	Stand for Hand Controller	1	£74.06
N2400-9005	Tubing for Hand Controller, 2.5 m	1	£10.66
N2400-9006	Connection Kit with Inlet Pipe for Additional Hand Controller	1	£30.30
N2400-9007	Protection Filter with Connective Tubing	1	£20.94
N2400-9008	Quick Coupling (Hand Controller to Bottle) with Inlet Pipe	1	£94.06
N2400-9009	Quick Coupling (Bottle to Pump)	1	£84.72
N2400-9010	4L PP Bottle with Protection Filter and Inlet Pipe	1	£256.20
N2400-9011	4L PP Bottle with Screw Cap	1	£112.02
N2400-9012	2L Glass Bottle with Protection Filter and Inlet Pipe	1	£286.48
N2400-9013	Adapter for 2L Glass Bottle	1	£36.10
N2400-9014	Mobile Underframe	1	£91.06
N2400-9015	Tool for Changing Diaphragm	1	£8.04

\* All prices exclude VAT and valid until 31 December 2016. 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!

### Best solution

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



[www.starlab.click/cytoone](http://www.starlab.click/cytoone)