



## Aspirator incl. 4l bottle and controller



### Product Highlights

- The powerful pump can operate two hand controllers without any loss of performance
- Chemically-resistant, high performance pump with long service life
- Ergonomic, fully autoclavable hand controller
- Auto ON-OFF pump switch with low noise emission for a quieter working environment
- Intuitive, reproducible adjustment of suction power via touch panel
- 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
- 1-year warranty

## Product Applications

Aspiration of Liquids

Cell-Culture

Sterile Filtration

De-gassing of buffers

Solidphase Extraction

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## General Data

Art. No.	N2400-9000
Dimensions (W × D × H)	408 mm × 194 mm × 500 mm
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Weight	7.3 kg
Pack Size	1 Piece (1 Box × 1 Piece)
Power supply	230 V + 10 %, 50/60 Hz
Max. power consumption	40 W
Operating temperature	10 to 40 °C
Adjustable range of vacuum	150 to 850 mbar
Max. installation altitude	2000 m above sea level
Max. permissible inlet/outlet pressure	1.1 bar
Max. pumping speed	16.7 l/min
Noise level	45 dB(A)
Permissible relative humidity	30 - 85 %
Ultimate vacuum (absolute)	850 mbar

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## More informations about Aspirator incl. 4l bottle and controller

### Use two hand controllers without any loss of performance














The Starlab [Aspirator](#) is designed for the safe and efficient 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.

Handcontroller includes adapter:

- For [pipettes](#) (Pasteur, aspiration, and graduated; Outer Diameter 5.5–8.0 mm)
- For [pipette tips](#) (2–200  $\mu$ L and 50–1000  $\mu$ L)






## Accessories

PRODUCT NAME	PACKAGING SIZE	ART. NO.
 <a href="#">2l glass bottle with filter &amp; inlet pipe</a>	1 Piece (1 Box × 1 Piece)	N2400-9012
 <a href="#">Adapter for 2l glass bottle</a>	1 Piece (1 Box × 1 Piece)	N2400-9013
 <a href="#">Mobile underframe</a>	1 Piece (1 Box × 1 Piece)	N2400-9014
 <a href="#">Tool for diaphragm change</a>	1 Piece (1 Box × 1 Piece)	N2400-9015
 <a href="#">Adapter for pipettes</a>	1 Piece (1 Box × 1 Piece)	N2400-9016
 <a href="#">4l PP-bottle with screw cap</a>	1 Piece (1 Box × 1 Piece)	N2400-9011
 <a href="#">4l PP-bottle with filter &amp; inlet pipe</a>	1 Piece (1 Box × 1 Piece)	N2400-9010
 <a href="#">Quick coupling bottle to pump</a>	1 Piece (1 Box × 1 Piece)	N2400-9009
 <a href="#">Quick coupling hand controller to bottle</a>	1 Piece (1 Box × 1 Piece)	N2400-9008
 <a href="#">Protection filter with connective tubing</a>	1 Piece (1 Box × 1 Piece)	N2400-9007
 <a href="#">Connection Kit for 2nd hand controller</a>	1 Piece (1 Box × 1 Piece)	N2400-9006
 <a href="#">Tubing for hand Controller, 2,50m</a>	1 Piece (1 Box × 1 Piece)	N2400-9005
 <a href="#">Stand for hand controller</a>	1 Piece (1 Box × 1 Piece)	N2400-9004

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PRODUCT NAME	PACKAGING SIZE	ART. NO.
 <a href="#">8-channel tip adapter for controller</a>	1 Piece (1 Box × 1 Piece)	N2400-9003
 <a href="#">1-channel tip adapter for controller</a>	1 Piece (1 Box × 1 Piece)	N2400-9002
 <a href="#">Hand controller for Aspirator</a>	1 Piece (1 Box × 1 Piece)	N2400-9001

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