

VACUSAFE *comfort*



Compact and independent Vacuum System

A new approach!

The **VACUSAFE** *comfort* is designed for aspiration, disposal or filtration of biological /chemical fluids in a clean and professional way. All required functionality is integrated in a compact design and ready to use at the push of one button only.

Until now, aspiration and disposal applications required noisy, complicated and incompatible «home made» systems or were connected directly to the laboratory vacuum system, the latter often contaminating the entire vacuum system.

The **VACUSAFE** *comfort* eliminates all these disadvantages and is an easy and convenient tool for...

... **aspiration** of fluids from typical laboratory containers such as cuvettes, micro plates, Petri dishes, slides, bottles or bioreactors.

... **disposal** of biological /chemical waste fluids.

... **filtration** of fluids (media) by means of filter units.

Customers

- Pharmaceutical / Biotech industry
- Cell culture facilities
- Laboratories working with bio-hazardous / pathogenic fluids

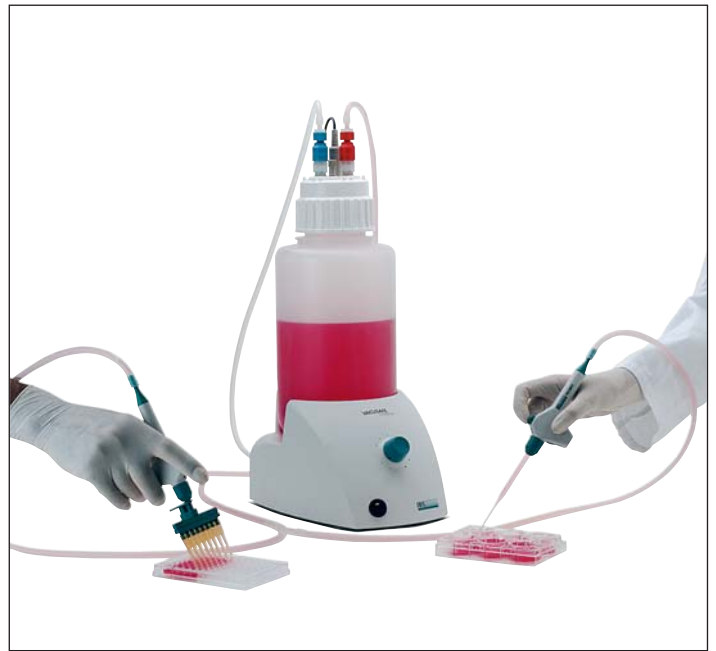
Features

- Compact and user friendly design
- Bottle overfilling prevented by level detection sensor
- Overflow protection of pump and electronics by means of a hydrophobic filter at the pump inlet
- Control knob for infinitely vacuum setting (range: -300 mbar to -600 mbar)
- High resistant quick couplings (PVDF) for easy tubing connections
- Automatic vacuum control
- Optional pump exhaust tubing connector (prevents aerosol contamination of working environment)
- VACUBOY hand operator with 40 mm stainless steel adapter included
- All parts in contact with fluids, such as bottle, lid, tubings, connectors and hand operator, are autoclavable

Benefits

- Always ready to use vacuum system
- Very easy and time saving operation
- Eliminates contamination of the laboratory vacuum system
- No contamination in sewage systems
- Silent operation
- More economical and cost effective than «home made» aspiration systems





Multi-User possibility: 2 VACUBOY's can be connected to 1 bottle

Applications



Aspiration



Disposal



Filtration

VACUSAFE *comfort*

Also available with other bottle/lid configurations:

4 Litre PP bottle

- WITHOUT quick couplings (barbed tubing fittings instead)
- WITHOUT level detection



3 Litre GLASS bottle

- WITH quick couplings
- WITH level detection
- For faster autoclaving



Ordering Information

Description	Part No.
VACUSAFE comfort	158 310

- 4 litre Polypropylene bottle with lid
- Lid with quick couplings and level detection
- Tubing set with filter
- Mains adapter: 100-240VAC, 50/60Hz
- VACUBOY hand operator with 1-channel SS adapter 40 mm

VACUSAFE comfort	158 320
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- 4 litre Polypropylene bottle with lid
- Lid with barbed tube fittings
- Tubing set with filter
- Mains adapter: 100-240VAC, 50/60Hz
- VACUBOY hand operator with 1-channel SS adapter 40 mm

VACUSAFE comfort	158 300
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- 3 litre Glass bottle
- Lid with quick couplings and level detection
- Tubing set with filter
- Mains adapter: 100-240VAC, 50/60Hz
- VACUBOY hand operator with 1-channel SS adapter 40 mm

Accessories / Spare Parts

Bottle 4 litre PP, incl. lid with quick couplings and level detection	158 431
Bottle 4 litre PP, incl. lid with barbed tube fittings	158 432
Bottle 3 litre Glass, incl. lid with quick couplings and level detection	158 430
Bottle 3 litre Glass	158 420
Bottle 4 litre PP (Polypropylene)	158 370
Lid for Glass bottle with quick couplings and level detection	158 418
Lid for Polypropylene bottle with barbed tube fittings	158 372
Lid for Polypropylene bottle with quick couplings and level detection	158 401
Tubing 1800 mm (bottle lid – hand operator)	158 332
Tubing 700 mm (instrument – bottle)	158 331
Tubing set with filter (part no. 158 331, 158 332 and 158 015)	158 342
Hydrophobic membrane filter, non-sterile, Ø60 mm, 0.45µm	158 015
Pump exhaust tubing connector	158 427
Y-tubing connector	158 354
Level detection sensor cable	158 403
VACUBOY hand operator	Details see VACUBOY Leaflet

Technical Data

Vacuum control range:	– 300 to – 600 mbar	
Dimensions (LxWxH):	Instrument	255 x 180 x 150 mm
	With PP-bottle 4L, filter and tubes	320 x 180 x 530 mm
Weight:	2 kg	
Ambient conditions:	Operation	5 .. 40°C, max. 80% RH
	Storage	–10 .. 50°C, max. 95% RH



158 310



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Mains adapter:	Input voltage:
	100 – 240 VAC 50 / 60 Hz
	Primary adapters:
	EURO, UK, US, JAP, AUS



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