VACUUBRAND®

Fluid aspiration system BVC professional



Link to the website

Product description

The BioChem-VacuuCenter BVC professional serves for aspiration and disposal of biological fluids, providing outstanding levels of comfort and safety for working with biological and biohazardous materials. A non-contact sensor monitors the liquid level in the collection bottle electronically and prevents overfilling. A disinfection routine allows the suction of disinfectants through aspiration hand set and tubing after switching off the pump, and so supports demanding safety protocols. The BVC professional with 4l PP bottle with self-closing quick couplings minimizes risk in transporting hazardous waste and of contamination in the workplace. The version with coated 2l borosilicate glass bottle allows you to work with aggressive disinfectants like chlorine bleach.

Performance features

- with all the advantages of the BVC control
- non-contact sensor for electronic monitoring of the liquid level in the collection bottle
- disinfection routine for the suction tubing for drawing in disinfectant after switching off the pump
- self-closing quick couplings (as accessory to the BVC professional G) for convenient and safe bottle change, e.g., for work with biohazards
- for professional work and a perfect fit for required safety protocols

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Link to the website:
https://shop.vacuubrand.com/20727403

Ordering data

Product name	Nominal mains voltage | mains frequency	Plug type	Articleno.
BVC professional	100-115 V | 50-60 Hz 120 V | 60 Hz	US	20727403

Items supplied

Fluid aspiration system complete with powerful chemistry diaphragm pump, collection bottle, adjustable suction power control via touch panel, non-contact liquid level sensor, quick couplings (4l PP version), aspiration hand set VHC^{pro} and protection filter, ready for use with manual.

Accessories

- VacuuHandControl VHC^{pro} (20688061)
- BVC 4l bottle PP BVC (20635810)
- Bottle 4L PP with cap, unmachined (w/o filter, connection for hose, blind plug) BVC Bottle (20638246)
- Table stand for VHC^{pro} VHC^{pro} (20635680)
- 8-channel tip adapter with ejector, for VacuuHandControl VHCpro BVC (20635679)
- BVC shuttle BVC shuttle (20696880)
- BVC 4l bottle PP BVC (20635810)
- Bottle 4L PP with cap, unmachined (w/o filter, connection for hose, blind plug) BVC Bottle (20638246)
- Table stand for VHC^{pro} VHC^{pro} (20635680)
- 8-channel tip adapter with ejector, for VacuuHandControl VHCpro BVC (20635679)
- BVC shuttle BVC shuttle (20696880)
- Set of diaphragm and valves ME 1, ME 1C, VP 100, VP 100C (20696874)

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Technical data

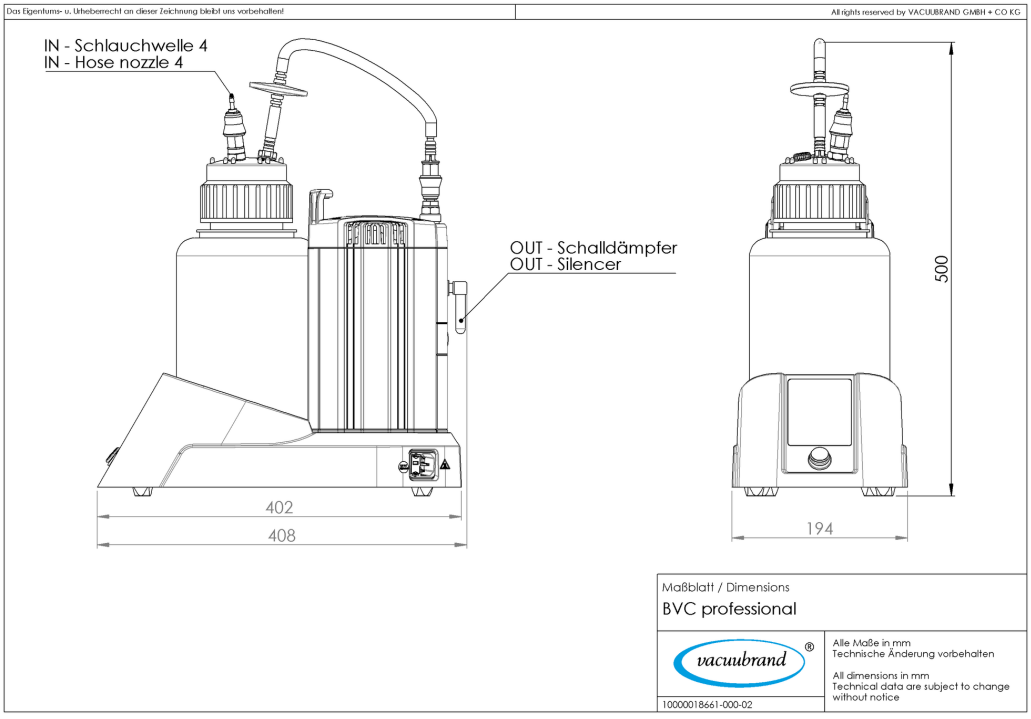
Max. pumping speed of the vacuum pump 50 Hz (m^3/h)	0.7 m^3/h
Max. pumping speed of the vacuum pump 60 Hz (cfm)	0.5 cfm
Ultimate vacuum	150 mbar / 112 torr
Number of heads	1
Number of stages	1
Vacuum controller	Touchpanel
Collection bottle	4l Polypropylene
Permissible ambient temperature range (operation)	10 - 40 °C
Permissible ambient temperature range (storage)	-10 - 60 °C
Max. outlet pressure (abs.)	1.1 bar
Inlet connection	Suction controller
Outlet connection	Hose nozzle DN 8 mm / silencer
Rated motor power	0.04 kW
Rated speed 50/60 Hz	1500/1800 min^{-1}
Protection class IEC 60529	IP 40
Dimensions (L x W x H)	408 mm x 194 mm x 500 mm
Weight	7.7 kg
Noise (sound pressure level) in dBA at 50 Hz or 1500 rpm/62% (VARIO)/1500 rpm (VARIO-SP)/12500 Upm (VACUU·PURE®)	49 dBA
NRTL certification	Yes

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Dimension sheet





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VACUUBRAND

VACUUBRAND is part of the Brand group, a manufacturer of high-quality and innovative laboratory equipment and vacuum technology with a global team of approx. 1,000 employees.

With highly motivated and qualified employees, we manufacture the world's most comprehensive product family for vacuum generation, measurement and control for the rough and fine vacuum range in the laboratory.

All with one goal:
Enabling our customers to run reliable, safe and efficient processes. This is why we commit ourselves to continuous innovation, first-class performance, and outstanding quality.

Engineering excellence is central to our ability to deliver products and solutions renowned for their quality, durability, and reliability. Innovative technology, high quality materials and extensive testing deliver unmatched performance - engineered and manufactured in Germany.

Together with you, our experts will find the best solution for your application and provide you with first-class service along the way.

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