

Fluid aspiration system BVC basic

[Link to the website](#)



Product description

The BioChem-VacuuCenter BVC basic is designed for connection to an existing external vacuum source like a diaphragm pump or a vacuum network (e.g., VACUU-LAN®) and does not require electric power. The chemical-resistant mechanical vacuum controller always ensures an optimal operating vacuum. The controller opens only when needed thus limiting the gas load on the vacuum source. The evaporation of collected liquid is minimized. The inlet tubing integrated in the bottle head reduces aerosol and foam formation and ensures a long service life of the hydrophobic protection filter. The aspiration system is available either as BVC basic with 4l PP bottle or as BVC basic G with 2l coated borosilicate glass bottle.

Performance features

- mechanical vacuum regulator and integrated check valve to provide optimum working vacuum and minimize the vapor load on the vacuum network
- stable base and electricity-free operation for convenience
- autoclavable collection bottle designed to reduce aerosol and foam formation; autoclavable quick-couplings available as accessory
- aspiration hand set VacuuHandControl (VHC^{PRO}) with flow-through suction tube - no contamination of handle by aspirated media
- hydrophobic 0.2 µm sterilizable filter - contamination risks for the vacuum pumping system are greatly reduced; autoclavable as complete unit together with the collection bottle

Ordering data

Product name	Nominal mains voltage mains frequency	Plug type	Articleno.
BVC basic			20727000

Items supplied

Complete fluid aspiration system for existing vacuum source, with automatic vacuum control, hose nozzle DN 6/10 mm for connection to a vacuum supply, aspiration hand set VacuuHandControl VHC^{pro}, collection bottle, protection filter and manual.

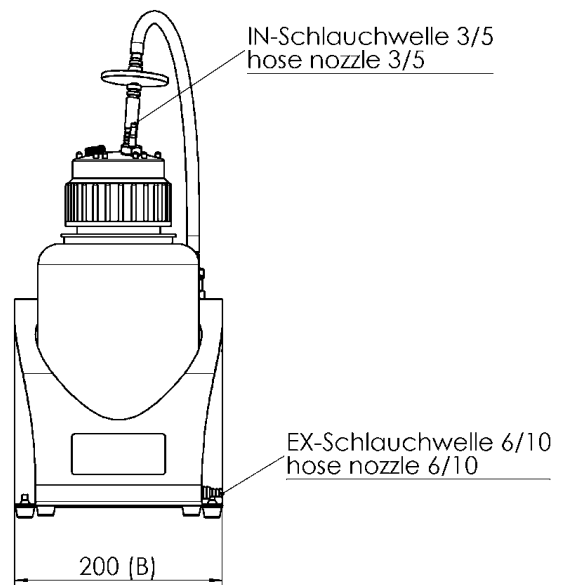
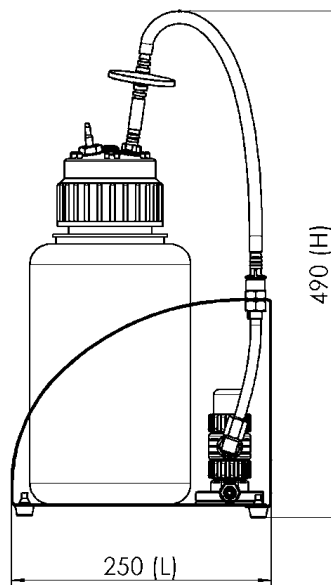
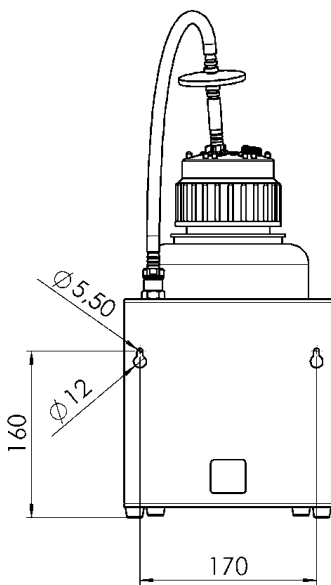
Accessories

- 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)
- VacuuHandControl VHC^{pro} (20688061)
- BVC 4l bottle PP BVC (20635810)
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- Table stand for VHC^{pro} VHC^{pro} (20635680)
- 8-channel tip adapter with ejector, for VacuuHandControl VHCpro BVC (20635679)
- BVC shuttle BVC shuttle (20696880)

Technical data

Vacuum controller	Mechanical vacuum controller
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 6-10 mm
Protection class IEC 60529	IP 54
Dimensions (L x W x H)	250 mm x 200 mm x 490 mm
Weight	2.8 kg
NRTL certification	No

Dimension sheet



Gewicht / weight: 2,8 kg
Alle Maße / all dimensions (mm)

VACUUBRAND BVC basic
Version 2012/10/09

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