

Fluid Aspiration Systems, VACUUBRAND



Vakuumentchnik im System

Fluid aspiration systems BVC

The compact BioChem-VacuuCenter offers the perfect solution for safe, sensitive and efficient aspiration of supernatants in all application areas. The BVC basic is intended for connection to an external vacuum source. The BVC control and the BVC professional are equipped with a high performance, chemically resistant diaphragm pump.

BVC basic / BVC basic G

for connection to existing vacuum networks (without integrated pump)

BVC control / BVC control G

The BioChem-VacuuCenter BVC control serves for safe, efficient and convenient aspiration of supernatants. The vacuum level – and thus the suction force – is exactly adjustable by the electronic touch panel and allows a sensitive and reproducible operation. The chemically resistant diaphragm vacuum pump is automatically turned on and off as needed.

BVC professional / BVC professional G

with additional non-contact sensor for liquid level and self-closing quick couplings

Technical data:	BVC control /G BVC professional /G	BVC basic
Vacuum controller:	Touchpanel	Mechanical controller
Number of heads / stages:	1 / 1	
Max. pumping speed at 50/60 Hz:	0.7 / 0.85 m ³ /h	
Max. pumping speed at 50/60 Hz:	0.4 / 0.5 cfm	
Ultimate vacuum (abs.):	150 / 112 mbar/torr	
Control range:	150 – 850 mbar (adjustable)	150 – 500 mbar

Article	Collection bottle	Order No.
BVC basic	4 l polypropylene	10 18 77270
BVC basic G	2 l glass	10 18 77271
① BVC control	4 l polypropylene	10 18 77272
BVC control G	2 l glass	10 18 77273
BVC professional	4 l polypropylene	10 18 77274
BVC professional G	2 l glass	10 18 77275

G ≙ Glass bottle

Accessories

Article	Order No.
VHC^{pro} VacuuHandControl	10 18 78061

The VHC^{pro} is an ergonomic light weight suction handset, fully autoclavable at 121°C. The mechanism of the VHC^{pro} handset is not in contact with contaminated fluids and enables reliable, leak free working.

Article	Order No.
② VHC^{pro} Table Stand	10 18 75680

The stainless steel stand for the VHC^{pro} enables to place the tipped suction handset conveniently and stable during work with cell cultures.

Article	Order No.
VHC^{pro} tip ejector	10 18 75638

This adapter is designed for pipette tips 2 – 200 µl and enables to manually remove the used pipette tip.

Article	Order No.
BVC shuttle	10 18 76880

The BVC shuttle is a mobile underframe for all models BVC control and BVC professional. It serves to pull out the BVC easily from under the safety cabinet for cleaning and removal of bottle for change.

Article	Order No.
VHC^{pro} 8-channel tip adapter with ejector	10 18 75679

This adapter allows parallel operation of eight pipette tips (size 2 – 200 µl or 5 – 300 µl). It is designed to match the dimensions of standardized 96-well microplates and has got a tip ejector to remove the used pipette tips.

- Suction power is evenly spread across all pipette tips
- Completely autoclavable
- Stand and disinfectant reservoir inclusive
- Low effort for attaching and ejecting the tips

