

① Vacuum system for Cell culture/microbiology

Complete with base plate and bottle holder!

For extracting and replacing solutions, consisting of:

- Membrane vacuum pump, delivery rate 11 liters/min., vacuum end pressure 133 mbar
- Plastic bottle, vacuum-proof, autoclavable, screw cap with 2 tube connectors for tubes with 6 mm I.D.
- Safety filter, hydrophobic, for retaining bacteria and oil aerosols
- Base plate with handles and bottle holder
- 2 m Silicone tubing, 10 × 6 mm I.D., autoclavable

Efficiency: >99.97%

Article	Order No.
Vacuum pump system with 2 l bottle	29 01 29335
Vacuum pump system with 4 l bottle	29 01 29336

Accessories

Article	Order No.
Spare bottle, 2 l with screw cap and tube connectors	29 01 29337
Spare bottle, 4 l with screw cap and tube connectors	29 01 29338
Foot switch for switching on electric equipment	29 01 22310
Safety filter	29 01 31905
Safety trough 23 × 35 × 13 cm (inside)	29 01 29342



② Vacuum system with build-in vacuum pump and bottle

The liquid flow into the 4 ltr bottle via hand piece and vacuum hose. A filter between bottle and pump will avoid damage and contamination of the vacuum pump. The vacuum is adjustable from approx. 150 to max. 600 mb. Can be used for vacuum filtration. Noiseless pump.

Additionally the model ...29330 has an built-in liquid level switch outside of the bottle (no contamination), which will stop the pump when the preset liquid level is reached.

- 1 complete with 4000 ml bottle made of PP (autoclavable)
- 1 Screw cap for the bottle with two 6 mm olives for fitting the hose
- 1 Set of silicon tube for vacuum 2 m
- 1 Safety Filter 0.2 µm Por.

Technical data:

Model ...29330:	suction system 4 l, with capacitive liquid level control
Model ...29331:	suction system 4 l, without liquid level control
Weight:	approx. 2.0 kg
Dimensions (W×D×H):	22 × 21 × 12 cm (without bottle)
Voltage:	220 Volt, 50/60 Hz with plug in power supply

Version	W × D × H cm	Bottle	Order No.
With liquid level switch	22×21×12	4000 ml, PP	10 01 29330
Without liquid level switch	22×21×12	4000 ml, PP	10 01 29331

Accessories

Article	Order No.
Spare bottle, 4 l	29 01 29338
Safety filter Liqui-Stop PP/PTFE	29 01 31905
Connector, LL female / barbed hose connection 1.6-2.6 mm, PP, 10 pcs./pack	10 01 21886
Quick-release coupling/PP, male part, for tubing I.D. 6.5 mm	27 01 21871
Spare lid with quick-release closure	83 01 29341
Liquid level sensor	10 01 29332



③ neoVAQ vacuum system Portable

The **neoVAQ vacuum system Portable** is characterised by its compact design which makes it easy to carry. It is perfectly suited for tasks in cell culture and microbiology, or for extracting liquid wastes in chemistry – any place where small amounts of liquid need to be disposed of (500 ml waste bottle).

Complete with handle, 1-channel and 8-channel tip for pipette tips with ejection function. With stainless steel holder for 50 ml centrifuge tube, with matching slot for the suction cup.

Technical data:

Weight:	1.3 kg
Filter:	0.22 µm pore size (polyester)
Flow rate:	max. 1 l/min
Vacuum:	up to 670 mbar
Dimensions (L×W×H):	26.5 × 13 × 21 cm
I.D. tubing:	5 mm
Material:	POM

Article	Order No.
neoVAQ vacuum system Portable	10 01 29345



④ neoVAQ-Handoperator set with rack

The perfect tool for all extraction problems in the cell culture. Ergonomic handle with pressure-sensitive control button.

Handle with quick-coupling for fast and easy adapter change.

When it comes to extracting from tubes, plates, petri dishes or cell culture bottles, there is a dedicated adapter for each type of application to ensure controlled and safe extraction of media. The adapters are safely arranged in the rack. The rack is equipped with a liquid collection tray which is easy to remove and to clean.

Highlights

- Multi-functional
- Adapter for different applications
- Autoclavable except for the rack
- Material: POM and stainless steel (adapter and handle)
- Stand made of ABS
- Vacuum On/Off switch
- Can be connected to different vacuum sources
- Designed to match laboratory vessels and cell culture products (e.g. microtiter plates)

Complete with:

- Handle, light blue
- 1-channel tip for pipette tips or serological pipettes
- 1-channel tip stainless steel tip length 40 mm
- 1-channel tip stainless steel tip length 80 mm
- 8-channel tip stainless steel tip length 40 mm
- 8-channel tip with ejector for pipette tips
- 1-channel tip adapter with ejector
- 1-channel tip adapter (150 mm)
- Stand (ABS), not autoclavable

Article	Order No.
neoVAQ Handoperator set with rack	10 01 70244

