

# EcoVac *safety-vacuum-system*

Removal of liquid excess



# EcoVac

**EcoVac**  
**safety-vacuum-system for the**  
**removal of liquid excess**

- **autoclavable safety-bottle**
- **low-noise and low-vibration**  
**double-chambered**  
**membrane pump**
- **excellent cost-efficiency**

The EcoVac safety-vacuum-system supports efficient work and increases the safety standard when working with infectious material in a laboratory.

EcoVac easily removes pathogenic liquid excess from dishes, bottles, tubes, disks etc. and transfers to a safety vacuum bottle made of break-resistant and autoclavable polypropylene.

### **User-friendly concept**

EcoVac is a highly functional solution and extremely cost-efficient at the same time.

We recommend a standard pasteur-pipette to remove the excess. It can easily be used with silicone tubing, which connects to the safety vacuum bottle.

Further silicone tubing connects the safety vacuum bottle to the vacuum-system, i.e. the vacuum pump or central vacuum.

# Safety & Comfort

### **More safety and comfort**

The safety vacuum bottle is resistant to chemicals, has a large capacity and therefore decreases time-consuming autoclaving and disposing to a minimum.

The screw-cap of the bottle comes with two self-locking fittings, which seal the bottle and lock the vacuum bottle hermetically, when the tubing is removed for transport and autoclaving.



The aeration insert ensures the needed pressure equalization when autoclaving.

### **Space saving**

EcoVac only needs a minimum of space in your laboratory. Only the pasteur pipette with the silicone tubing and the vacuum bottle take up work space. By cutting the silicone tubing as needed, the system can easily be adapted to your individual working conditions.

# Accessories

### **Vacuum pump**

The vacuum pump is a double-chambered membrane pump with an illuminated on/off-switch.

### **Foot-switch**

Allows to operate the pump if the EcoVac system should be used intermittently.

### **Safety filter**

The safety filter between the vacuum bottle and the pump prevents the pump from contamination or consequences of aggressive gases or liquids.

## **Technical Data**

### **Safety vacuum bottle**

Capacity	2 or 4 litres
Material	polypropylene
Working temperature (min/max)	0 °C/121 °C

### **Safety filter**

Diameter	62 mm
Housing material	polypropylene
Filter material	PTFE
Pore size	0.2 µm

### **EcoVac vacuum pump**

Double-chambered membrane pump  
low-noise and low-vibration  
with on/off-switch

Dimensions (w x h x d)	80 x 60 x 160 mm
Weight	approx. 850 g
Max. performance	4 l/min.
Final vacuum	300 mbar
Power	230 V, 50-60 Hz



**Ordering Information****Cat.-No.****EcoVac safety-vacuum-system 2****3.350 022**

incl. safety PP-bottle (2 litre)  
with screw cap, 2 self-locking fittings,  
aeration insert, safety filter and  
silicone tubing 2x 1.5 m (autoclavable)

**EcoVac safety-vacuum-system 4****3.350 042**

incl. safety PP-bottle (4 litre)  
with screw cap, 2 self-locking fittings,  
aeration insert, safety filter and  
silicone tubing 2x 1.5 m (autoclavable)

**Accessories****EcoVac vacuum pump****3.350 102**

with connection cable, 1 m

Foot-switch

**3.350 202**

Safety filter (qty=2)

**3.350 302**

Glass-pasteur-pipettes, 150 mm (qty=1000)

**3.350 402**

Glass-pasteur-pipettes, 230 mm (qty=1000)

**3.350 502****Replacements**

EcoVac replacement safety PP-bottle, 2 litre

**3.350 122**

EcoVac replacement safety PP-bottle, 4 litre

**3.350 142**

**schuett** **biotec**.de

Rudolf-Wissell-Straße 13, D-37079 Göttingen, Germany

Fon +49 (0) 551/5 04 10-0, Fax +49 (0) 551/5 04 10-99

info@schuett-biotec.de

[www.schuett-biotec.de](http://www.schuett-biotec.de)