Vacuum Pump V-300
The economical and silent vacuum source

The chemically resistant PTFE diaphragm vacuum pump impresses with its very silent and economical operation. With a flow rate of 1.8 m³/h and an ultimate vacuum of 5 mbar, it is optimally suited to be combined with the Rotavapor® R-300.

Convenient
Silent operation and level detection of receiving flask

Reliable
High quality materials and easy detection of condensate and particles

Extendable
Seamless plug & play integration into a Rotavapor® R-300 system
**Seamless Integration**
Integrate the V-300 seamlessly into a Rotavapor® R-300 system where the vacuum is centrally controlled by the Interface I-300 / I-300 Pro.

**Speed-controlled**
A set vacuum is achieved very precisely by means of speed-control operation. Due to the absence of sudden pressure changes bumping is minimized.

**Visible membranes**
Condensed solvents or particles are easily visible thanks to the transparent front panel.

**Quiet operation**
Thanks to speed-control, the pump operates smoothly to keep the set vacuum. This results in very low noise emission (32 dB).

**Secondary condenser**
The optional post-pump condenser captures vapor which is otherwise released into the lab atmosphere.

**Level sensor**
In combination with the Interface I-300 / I-300 Pro an optional sensor alerts the operator to empty the receiving flask when required.

**Performance data**
With a flow rate of 1.8 m³/h and a final vacuum of 5 mbar the Vacuum Pump V-300 is optimally suited to be combined with a rotary evaporator.

Ultimate vacuum: 5 mbar ± 2 mbar
Suction capacity: 1.8 m³/h
V-300: Your most important benefits

Convenient

- Quiet operation thanks to speed regulation
- Unattended operation in combination with Interface I-300 / I-300 Pro when combined with optional level sensor for secondary condenser that alerts potential overflow of the receiving flask

Reliable

- High chemical resistance due to the use of high quality materials
- Increased lifetime thanks to speed-controlled operation in conjunction with the optional Interface I-300 / I-300 Pro
- Easy visual detection of condensate and particles due to transparent front panel

Extendable

- Seamless plug & play integration into:
  - A speed-controlled vacuum system with Interface I-300 / I-300 Pro
  - A fully automated BUCHI Rotavapor® R-300 system including all process parameters

Complete your portfolio

- Interface I-300 / I-300 Pro: Convenient process regulation and monitoring
- Rotavapor® R-300: Convenient and efficient rotary evaporation
- Multivapor™ P-6 / P-12: Efficient evaporation for multiple samples
- Recirculating Chiller F-305 / F-308 / F-314: The efficient and water saving way of cooling

www.buchi.com/laboratory-evaporation

Quality in your hands