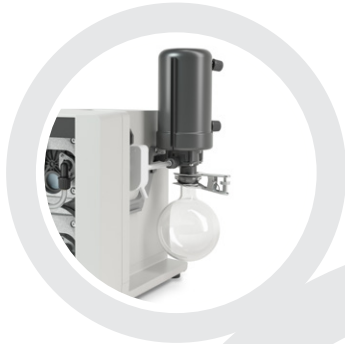




Vacuum Pump V-300

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



Vacuum Pump V-300

Key features and advantages





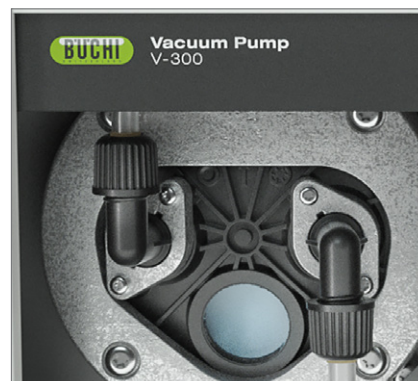
Seamless Integration

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.



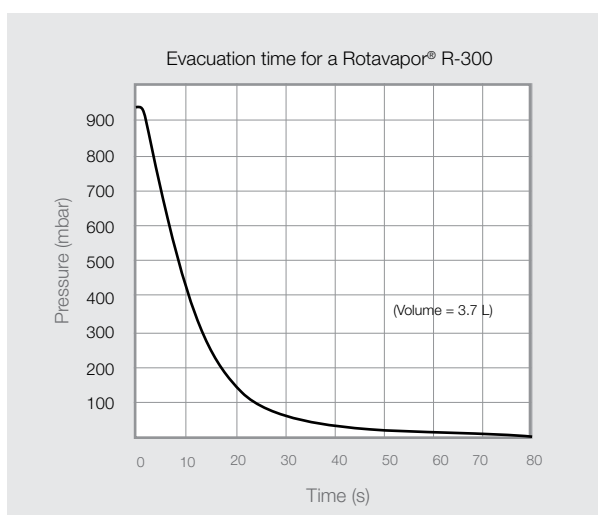
Level sensor

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

