



Vacuum Pump V-600

The powerful and quiet vacuum source

The powerful and quietly operating three-stage PTFE diaphragm vacuum pump is robust and chemically resistant. It operates at the maximum flow rate of 3.1 m³/h and achieves an ultimate vacuum of 1.5 mbar. Thanks to its high flexibility, the Vacuum Pump V-600 can be integrated effortlessly into any BUCHI laboratory or industrial evaporator for utmost efficiency.



Convenient

Quiet operation and level detection of receiving flask



Robust and reliable

High quality materials and easy detection of condensate and particles



Extendable

Seamless plug & play integration into industrial or laboratory evaporator systems





Vacuum Pump V-600

Key features and advantages





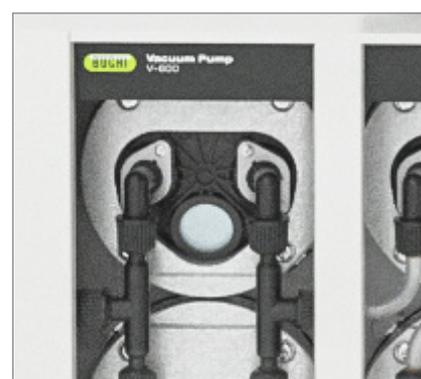
Quiet operation

Smooth functioning at low noise levels (40 dB) is guaranteed thanks to speed-control to keep the set vacuum.



Speed control

Speed control allows for the precise achievement of the set vacuum, while avoiding sudden pressure changes and minimizing bumping effects.



Easy particle detection

Pump membranes are visible through the transparent front panel enabling easy detection of condensed solvents or particles.



Increased safety

The optional level sensor, combined with the Interface I-300 / I-300 Pro, alerts the operator to empty the receiving flask when required.



Clean emission

The optional secondary condenser captures vapor preventing uncontrolled release into the laboratory atmosphere.



Seamless integration

The plug & play feature ensures easy integration into any BUCHI evaporator system and direct control from the central interface enhances usability.

A powerful vacuum source for numerous applications

The Vacuum Pump V-600 is able to generate ultimate vacuum of 1.5 ± 1 mbar and has an effective flow rate of $3.1 \text{ m}^3/\text{h}$. Its powerful features and flexible integration options make it an ideal partner for the combination with industrial and laboratory rotary evaporators, as well as parallel evaporators. It can further be used as vacuum system for desiccators, ovens, vacuum filtration systems and many more.



Intelligent and ecological BUCHI solution

V-600: Your most important benefits



Convenient

- Quiet and smooth operation thanks to speed regulation
- Unattended and safe operation with alerts for potential overflow of the receiving flask, when combined with optional level sensor



Robust and reliable

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



Extendable

- Seamless plug & play integration into:
 - a laboratory Rotavapor® R-300 system with one or two rotary evaporators
 - an industrial Rotavapor® R-220 Pro system for large volume
 - a parallel evaporation system Syncore® or Multivapor™ for simultaneous evaporation of multiple samples

Complete your portfolio



Interface I-300 /
I-300 Pro
Convenient process
regulation and
monitoring



Rotavapor®
R-300
Convenient and efficient
rotary evaporation



Rotavapor®
R-220 Pro
Best performance
production scale



Syncore®
Analyst
Maximize multiple
sample workup efficiency

