

VACUUBRAND VARIO® chemistry pumping unit PC 3004 VARIO select



 Product in eShop

Home / [Vacuubrand Konzentratoren](#) / VACUUBRAND VARIO® chemistry pumping unit PC 3004 VARIO select

Product Data

VARIO® pumps and pumping stations control the vacuum precisely via the speed of the vacuum pump. The MD 4C VARIO select serves as the basic pump. It offers high pumping speeds and meets laboratory vacuum requirements for most high-boiling solvents. The PC 3004 VARIO select offers a proven concept for evaporation of large quantities of solvents. With its graphical user interface, the integrated vacuum controller VACUU-SELECT offers predefined vacuum processes for all common laboratory applications. In solvent evaporation, the boiling pressure is automatically detected and adapted to the process. Of course, application, desired vacuum and other parameters can also be individually configured and controlled. With VARIO control, the pump does not run faster than necessary. This extends the maintenance intervals and makes the pumping station whisper quiet. The suction-side separator made of glass with protective coating retains particles and droplets. The emission condenser on the discharge side enables almost one hundred percent solvent recovery for active environmental protection.

Performance features

- Vacuum controller VACUU-SELECT with graphical user interface and predefined vacuum processes simplifies work in the laboratory
- automatic boiling point detection and vacuum adjustment for short process times
- powerful vacuum pump meets laboratory vacuum requirements for most high-boiling solvents
- unsurpassed diaphragm life, therefore minimum operating and maintenance costs
- excellent environmental compatibility due to low energy consumption and efficient solvent recovery

Technical Data

- Vacuum controller: VACUU-SELECT
- Number of cylinders / steps: 4 / 3
- Max. suction capacity: 4.6 m³/h
- Max. suction capacity: 2.7 cfm
- Final vacuum (abs.): 1.5 / 1.1 mbar/torr
- ultimate vacuum (abs.) with gas ballast: 3 / 2.2 mbar/torr
- Perm. ambient temp. range Operation: 10 - 40 °C
- Perm. ambient temp. range Storage: -10 - 60 °C
- Max. Back pressure (abs.): 1.1 bar
- Connection suction side: hose shaft DN 8-10 mm

- Connection pressure side: hose shaft DN 8-10 mm
- Connection cooling water: 2 x hose shaft DN 6-8 mm
- Nominal motor power: 0.53 kW
- Speed range: 30 - 2400 min-1
- Protection class: IP 40
- Dimensions (L x W x H): 419 x 243 x 457 mm
- Weight: 21.1 kg
- Noise (sound pressure level) at 50 Hz, typ.: 43 dBA
- ATEX conformity (230V only): II 3/- G IIC T3 X Internal Atm. only
- Scope of delivery: Pumping station completely assembled, ready for operation, with manual.

Item No.	type no.	Price
17.2070.04	PC 3004 VARIO select	CHF 11'171.00

* The prices are non-binding and are to be understood as selling prices in Swiss francs without value added tax (VAT), as well as all other fees, charges and taxes. The prices displayed in the eShop may differ from the PDF file due to regular updates.

** Please note that when ordering chemicals and detergents, transport and packaging costs for hazardous goods as well as legally prescribed fees are charged. These will be shown in detail on the order confirmation, which you will receive in addition to the confirmation of receipt.

*** Further information such as technical information and safety data sheets can be found online in our eShop.

**** The PDF file was created on www.huberlab.ch on 14.05.2026 at 04:40 oclock.