VACUUBRAND®

# VARIO® 变频化学真空系统
# PC 3002 VARIO select EK Peltronic




网站链接

## 产品说明

VARIO®泵及真空系统通过调整隔膜泵的电机转速来提供精确的真空控制。他们的特点是按下一个键后便能实现全自动蒸馏控制。基础泵是MZ 2C NT VARIO二级化学隔膜泵，适合绝大多数溶剂的中等尺寸的真空需求。PC 3002 VARIO是一款适用于大量溶剂蒸发的好选择。进气口分离瓶能够收集颗粒及液滴。出气口废气冷凝器可以实现溶剂将近100%回收，无需额外的冷凝介质即可实现循环经济和环境保护。按需运行的电机转速能够保证零配件无与伦比的使用寿命，例如隔膜。

## 性能特点

- 配置图形用户界面及预定义应用的VACUU·SELECT真空控制器能简化实验室工作
- 自动沸点探测及真空度调节能够缩短反应时间
- 结构紧凑性能高效，即使开启气镇阀也能达到较好的极限真空
- 非常安静，运行时振动极低，超长的维护周期
- 无需额外的冷凝介质即有高效的溶剂回收率，对环境友好

技术参数如有变化,恕不另行通知
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网站链接:
https://shop.vacuubrand.com/20733574

## 订购信息

| 产品名称 | 额定电源电压\|工作频率 | 电源插头类型 | 订货号 |
|---|---|---|---|
| PC 3002 VARIO select EK Peltronic | 200-230 V \| 50-60 Hz | IEC 插头 EN 60320 | 20733574 |

## 货品配置

泵，含Peltronic排放冷凝器，附操作手册，不含电源线。

## 配件

- VACUU·SELECT用户管理 VACUU·SELECT User Management (20700900)
- 透明真空管 DN 8 mm (20686061)
- VACUU·LAN®模块 DN 10/8 mm (20637873)
- 用于收集瓶的液面探测传感器 500 ml (20699908)
- 冷凝水阀 VKW-B (20674220)
- 密封圈套装 MZ 2C NT / MZ 2C NT VARIO / PC 3002 (20696869)
- 密封圈套装 MZ 2C NT / MZ 2C NT VARIO / PC 3002 (20696869)

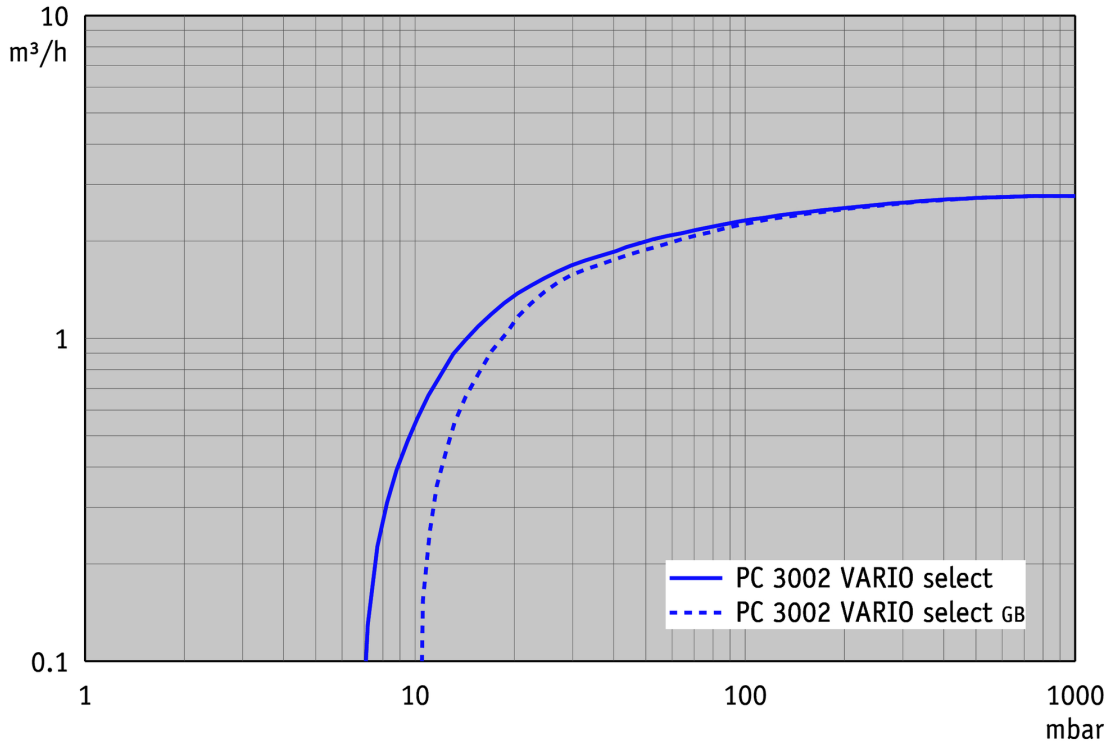

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## 技术指标

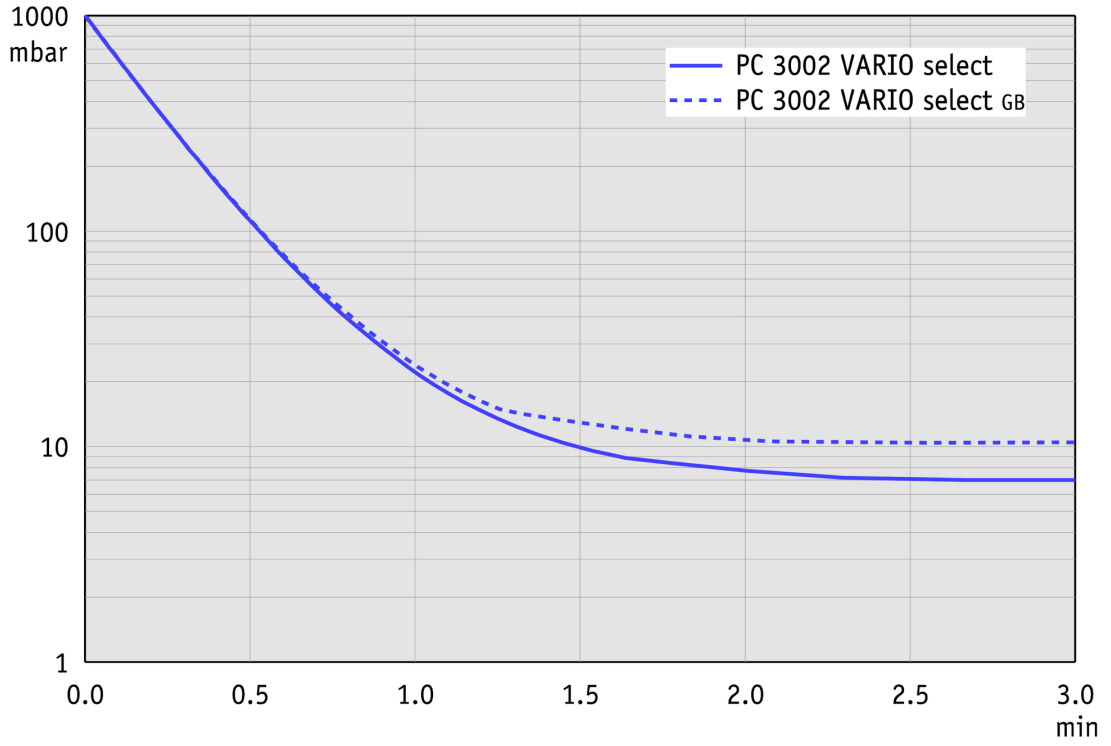
| | |
|---|---|
| 50 Hz **最大抽速** ($m^3/h$) | 2.8 $m^3/h$ |
| 60 Hz **最大抽速** (cfm) | 1.65 cfm |
| **极限真空** | 7 mbar / 5 torr |
| **极限真空，使用气镇** | 12 mbar / 9 torr |
| **泵头数** | 2 |
| **泵级数** | 2 |
| **真空控制器** | VACUU·SELECT |
| **的允许环境温度范围（运行）** | 10 - 40 °C |
| **的允许环境温度范围（存放）** | -10 - 60 °C |
| **最大出气口压力 (绝对压力)** | 1.1 bar |
| **进气口连接** | **软管喷嘴接头** DN 8-10 mm |
| **出气口连接** | **软管喷嘴接头** DN 8-10 mm |
| **额定电机功率** | 0.53 kW |
| **电机转速范围** | 30 - 2400 $min^{-1}$ |
| **防护等级** | IP 20 |
| **尺寸（长x宽x高）** | 402 mm x 361 mm x 457 mm |
| **重量** | 22 kg |
| **噪音水平** 50 Hz/1500 Upm/62% (VARIO)/1500 Upm (VARIO-SP)/12500 Upm (VACUU·PURE®) | 43 dBA |
| ATEX**规格** | II 3/- G Ex h IIC T3 Gc X Internal Atm. only |
| NRTL **标准** | **否** |
| **通讯** | Ethernet (RJ45): Modbus TCP / USB (Type A): Data transfer, software update, RS-232 (additional adapter required) |


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## 50 Hz下的抽速曲线




## 50 Hz下的抽气曲线 （10升容积）

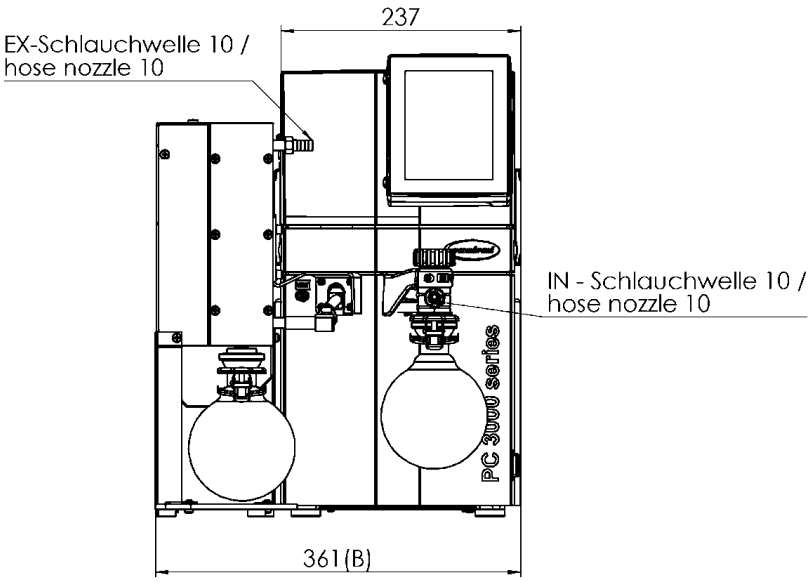




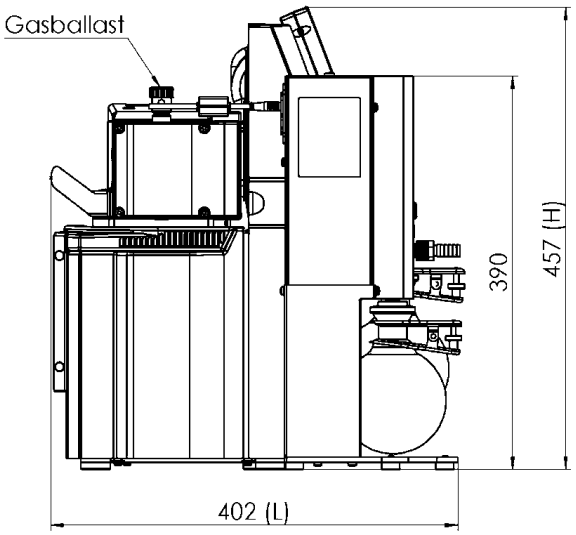
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# 尺寸规格表




Alle Maße / all dimensions (mm)
Gewicht / weight: ca.22 kg




VACUUBRAND PC 3002 VARIO select EKP
Version 2018/04/05


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VACUUBRAND

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With highly motivated and qualified employees, we manufacture the world's most comprehensive product family for vacuum generation, measurement and control for the rough and fine vacuum range in the laboratory.

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