VACUUBRAND®

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




网站链接

## 产品说明

PC 3002 VARIO select真空系统能精确控制真空度，以实现无与伦比的工艺过程控制。二级变频隔膜泵MZ 2C VARIO是PC 3002 VARIO的核心组件，适用于绝大部分溶剂蒸发。集成式的VACUU·SELECT真空控制器搭配了简单易用、基于应用程序的用户界面，内嵌了所有常见的实验室真空应用。VACUU·SELECT真空控制器可满足您所有要求。对于简易实验过程可手动修改控制参数，也可进行全自动蒸馏，或者通过简单的“拖放”操作编辑创建自己的应用程序。在溶剂蒸发过程中，VACUU·SELECT真空控制器能够探测溶剂沸点，并按需自动调节真空过程。应用程序里所需的真空值和其他参数可以结合使用或单独控制。基于变频控制，泵仅在需要真空时运行，确保了泵超长的维护间隔且运行安静。 进气口分离瓶由玻璃制成，外覆一层保护膜，能防止颗粒和液滴进入泵内。出气口废气冷凝器可以实现溶剂将近100%回收，从而实现循环经济和环境保护。”

## 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
- 优异的环境友好性，极低的能源损耗和高效的溶剂回收率

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/vp-6376

## 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 | 200-230 V \| 50-60 Hz | CEE | 20733550 |
| PC 3002 VARIO select | 200-230 V \| 50-60 Hz | CH | 20733551 |
| PC 3002 VARIO select | 200-230 V \| 50-60 Hz | UK | 20733552 |
| PC 3002 VARIO select | 100-120 V \| 50-60 Hz | US | 20733553 |
| PC 3002 VARIO select | 200-230 V \| 50-60 Hz | CN | 20733556 |
| PC 3002 VARIO select | 200-230 V \| 50-60 Hz | IN | 20733557 |

## 货品配置

真空系统安装完毕，连接即可使用，附带说明书

## 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)

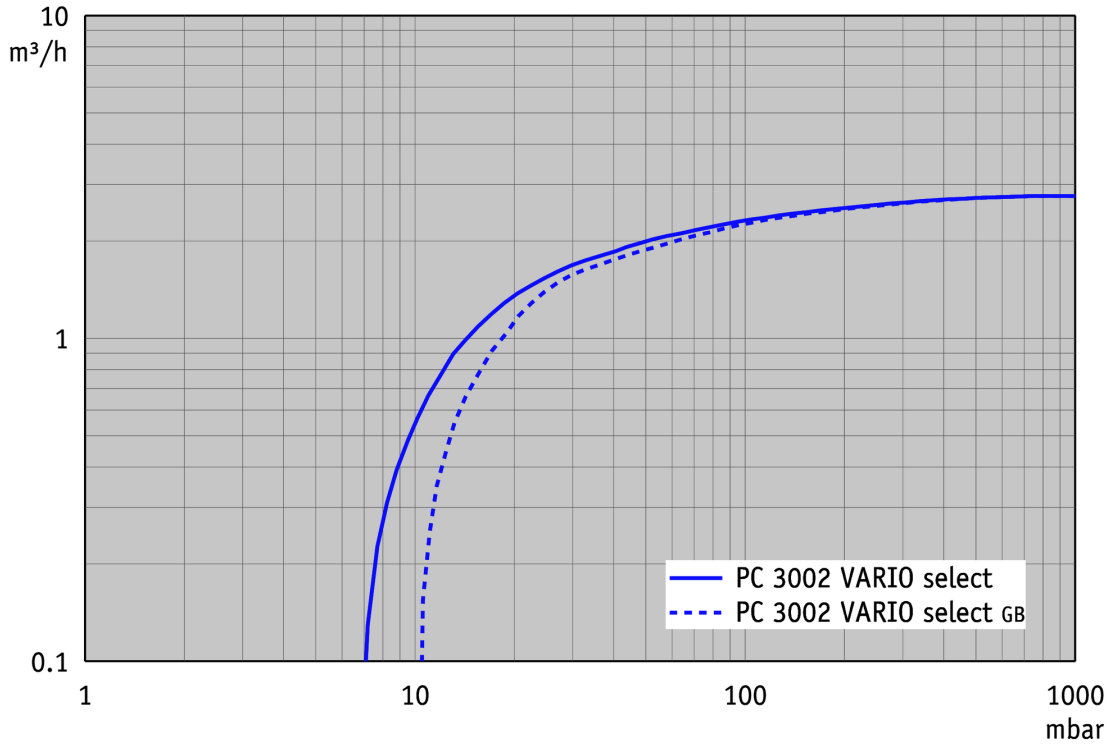

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## 技术指标

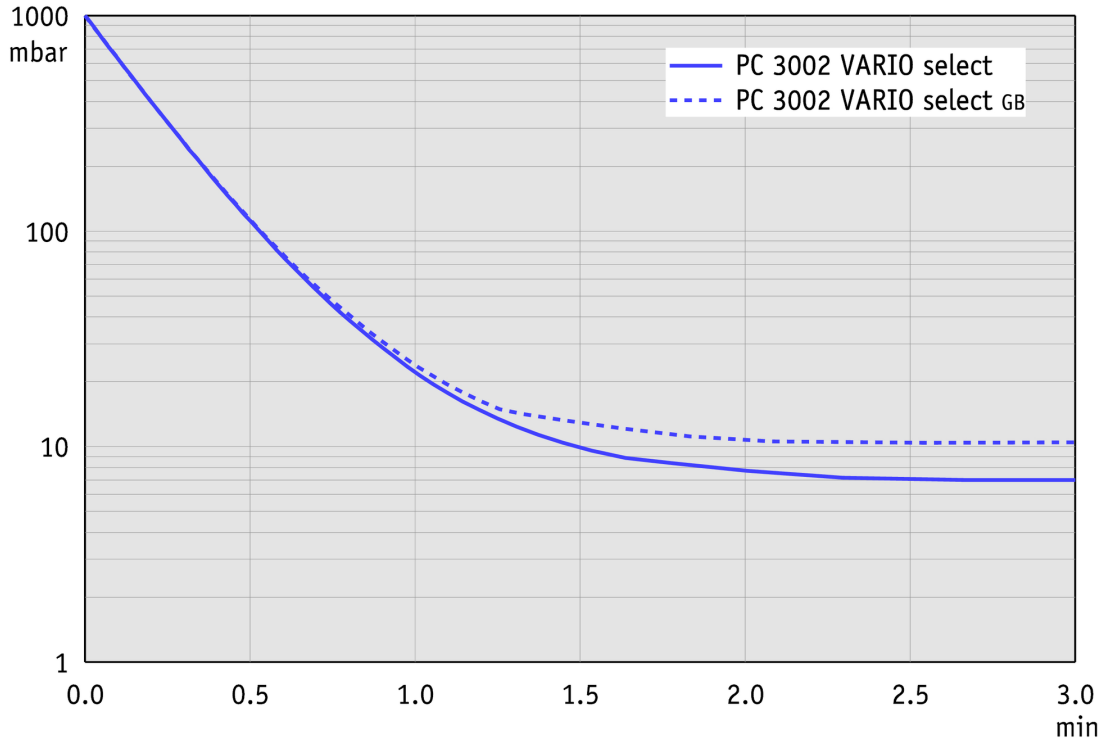
| | |
|---|---|
| 50 Hz **最大抽速** ($m^3/h$) | 2.8 $m^3/h$ |
| 60 Hz **最大抽速** (cfm) | 1.65 cfm |
| **极限真空** | 7 mbar / 5 torr |
| **极限真空，使用气镇** | 12 mbar / 9 torr |
| **泵头数** | 2 |
| **泵级数** | 2 |
| **真空控制器** | VACUU·SELECT |
| **的允许环境温度范围（运行）** | 10 - 40 °C |
| **的允许环境温度范围（存放）** | -10 - 60 °C |
| **最大出气口压力** (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 |
| **冷却液接口** | 2**个** DN 6-8 mm **软管喷嘴接头** |
| **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）** | 419 mm x 243 mm x 457 mm |
| **重量** | 17.9 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）

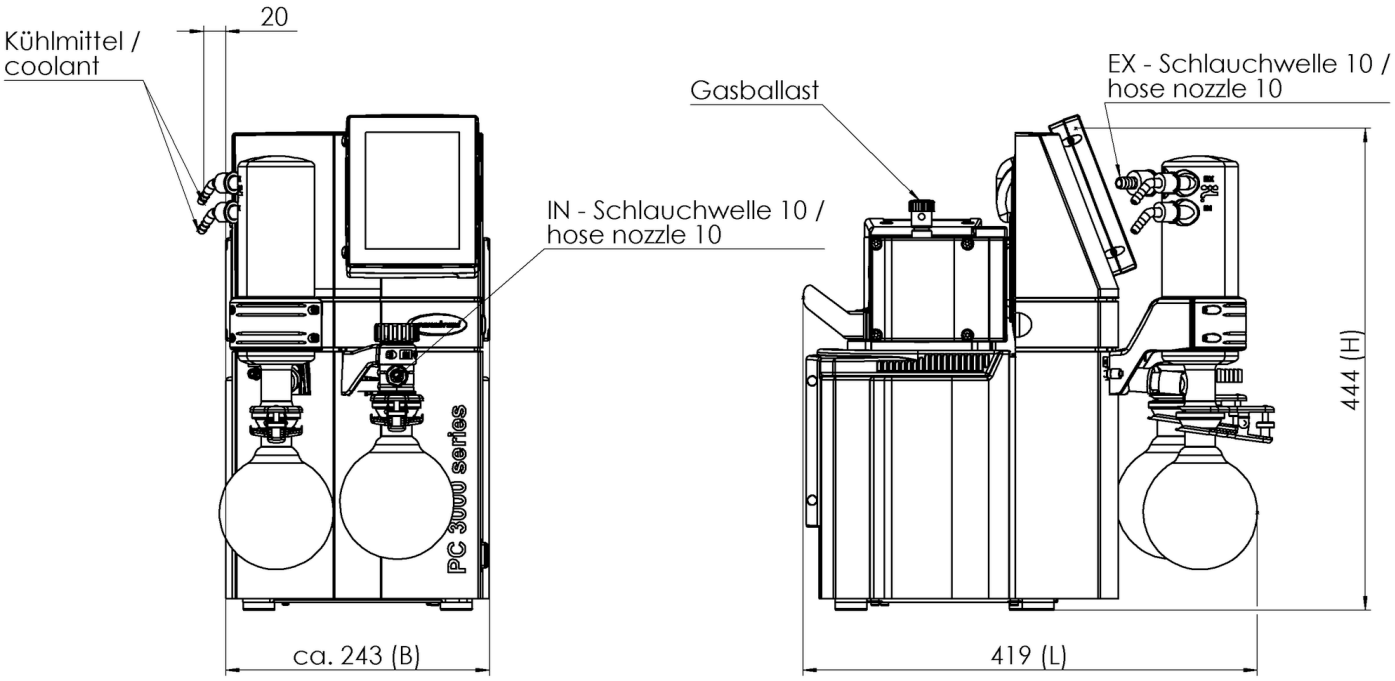




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# 尺寸规格表




Alle Maße / all dimensions (mm)
Gewicht / weight: ca.17,9 kg

VACUUBRAND PC 3002 VARIO select
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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