

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

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	CH	20733551

货品配置

真空系统安装完毕，连接即可使用，附带说明书

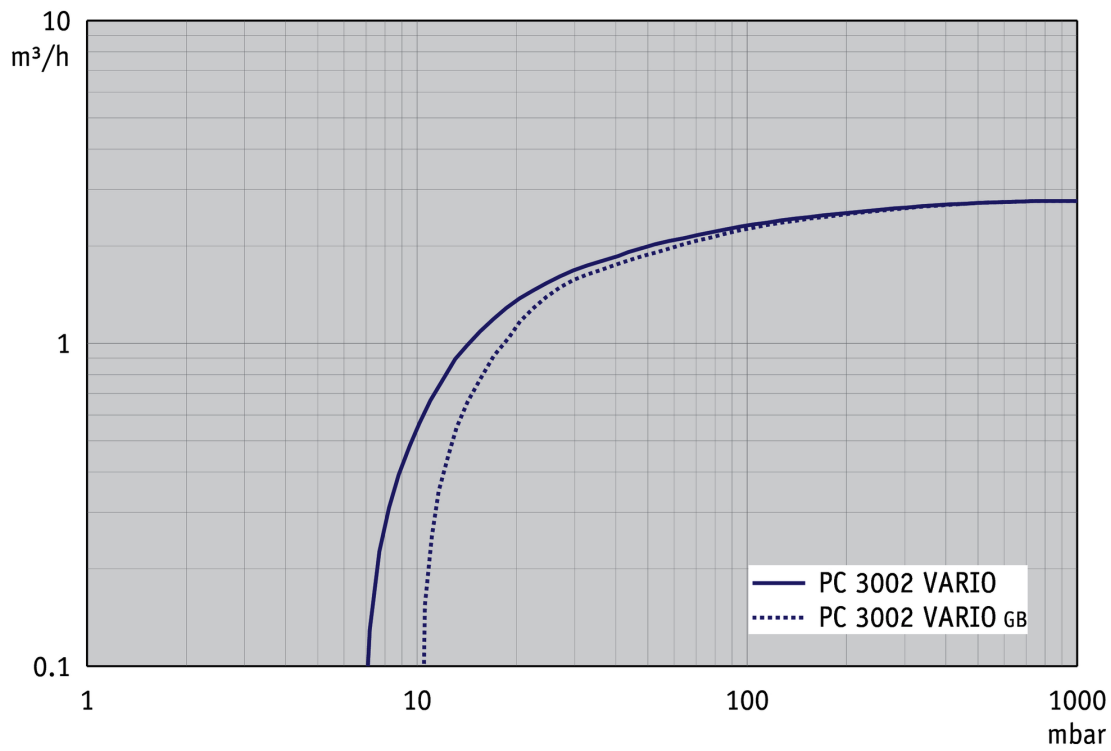
配件

- 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)
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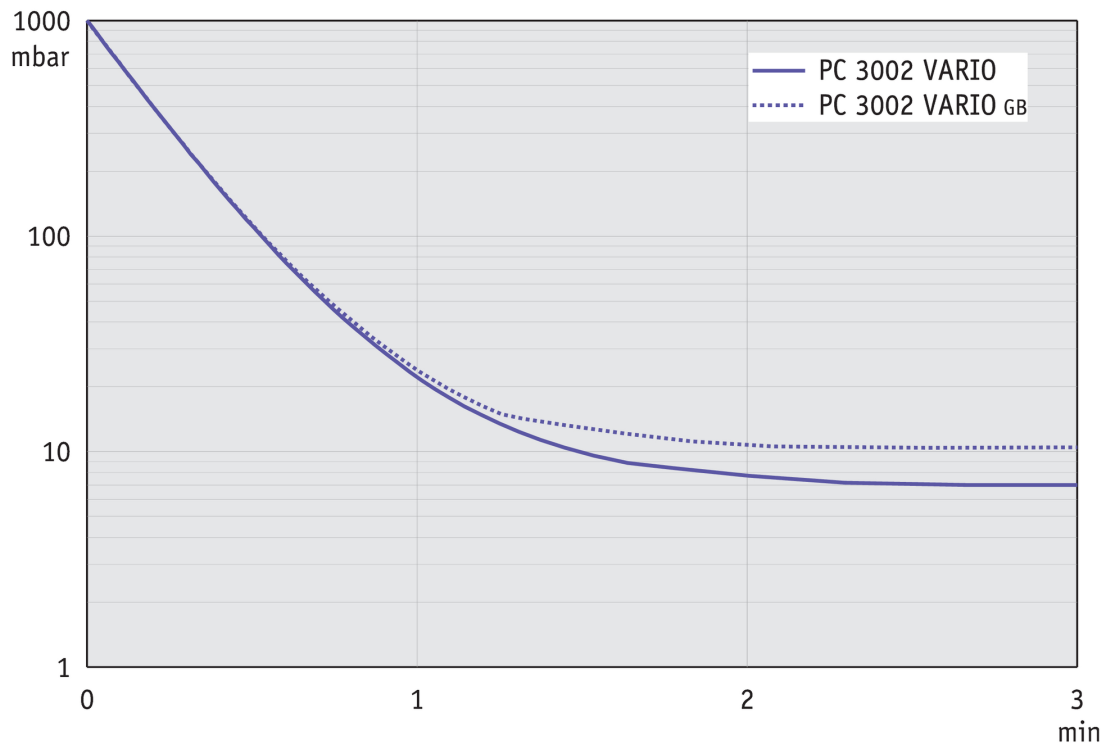
技术指标

50 Hz 最大抽速 (mbar)	2.8 m³/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)

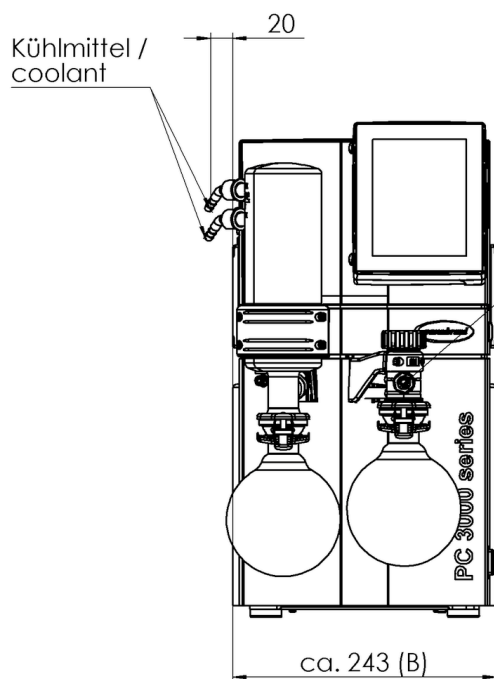
50 Hz下的抽速曲线



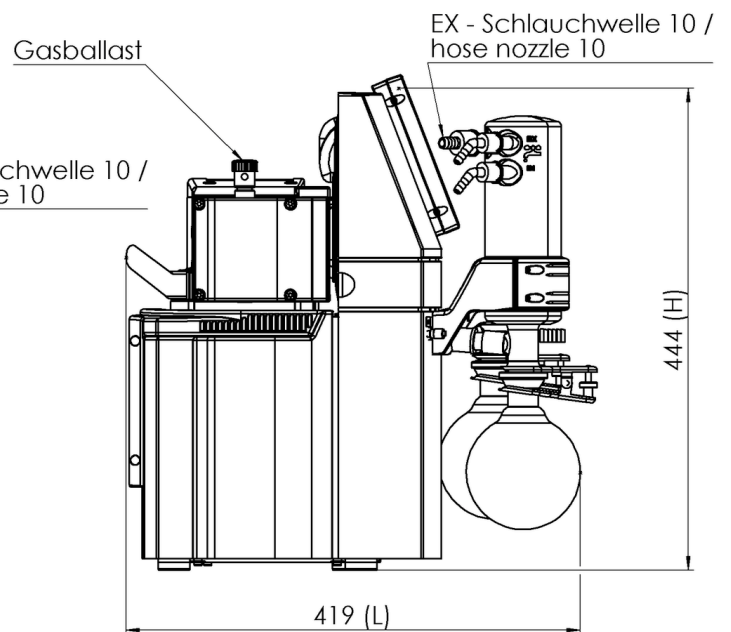
50 Hz下的抽气曲线（10升容积）



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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