

VARIO® 变频化学真空系统

PC 3001 VARIO select TE

[网站链接](#)

产品说明

PC 3001 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。该泵适用于高沸点溶剂。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，并自动调节真空过程，维持过程控制。按需响应的变频电机转速控制使泵运行安静，且确保了超长的维护间隔。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，防止泵损坏，延长泵的使用寿命。PC 3001 VARIO select TE在泵的出气口装有干冰冷凝器，因此不需要连接冷却水。

性能特点

- VACUU·SELECT真空控制器采用图形用户界面，内置预定义应用，可以简化实验室工作
- 自动沸点探测及真空度持续优化能够加快反应过程
- 紧凑强大，即使连接连续冷凝纯化也拥有优越的性能
- 极低振动，运行安静
- 环境友好：极低的能源损耗，高效的溶剂回收率。无油！

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 3001 VARIO select TE	200-230 V 50-60 Hz 100-120 V 50-60 Hz	US	20700223

货品配置

真空系统安装完毕，连接即可使用， 附带说明书

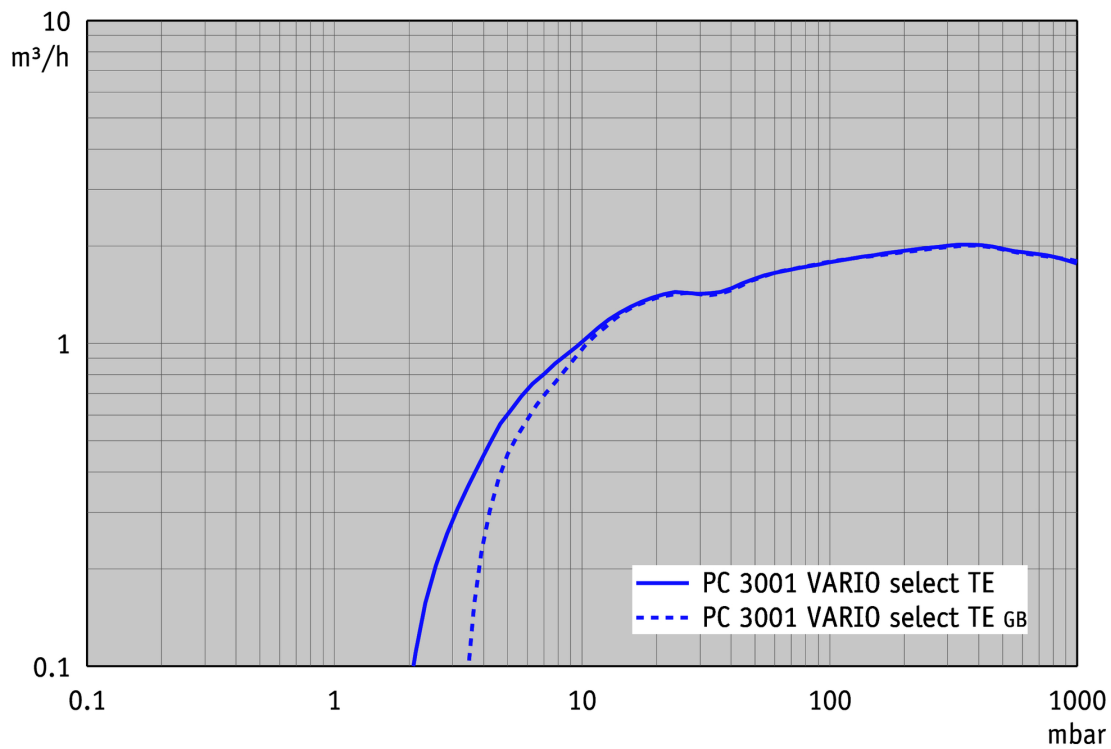
配件

- 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)
- **进气阀** VB M-B (20674217)
- **冷凝水阀** VKW-B (20674220)
- **密封圈套装** MD 1C, MD 1C +AK+EK, MD 1C VARIO-SP, PC 2001 VARIO, PC 3001 VARIO, MV 0.5C (20696828)
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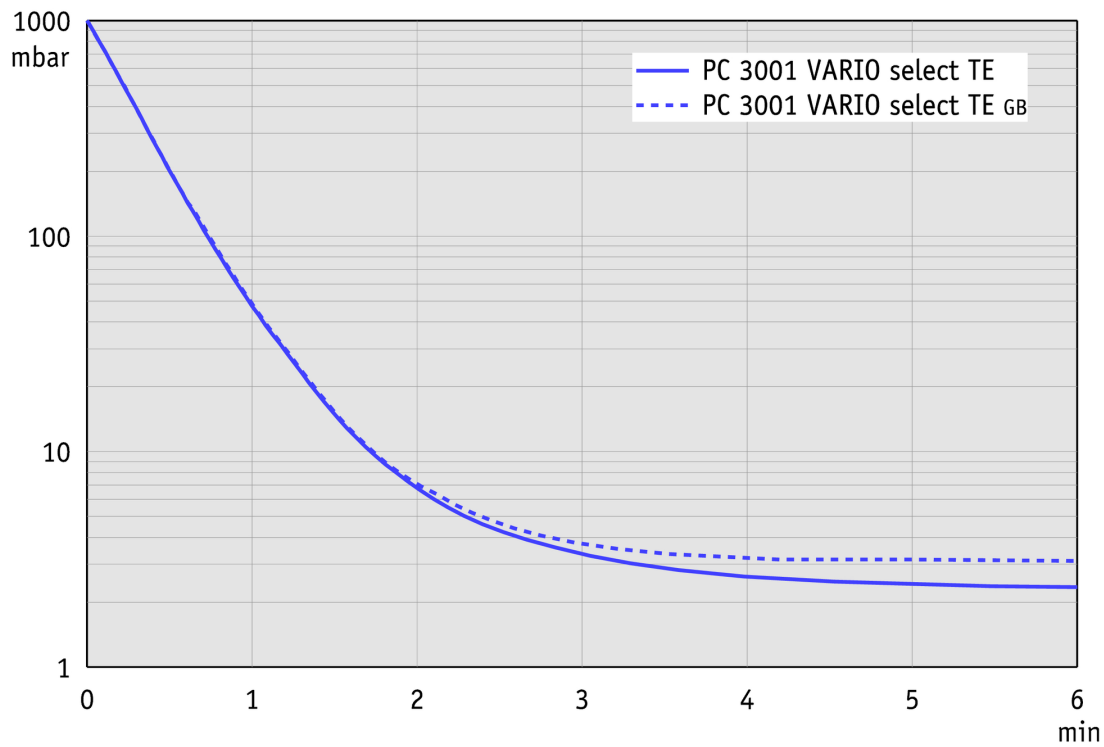
技术指标

50 Hz 最大抽速 (mbar)	2 m³/h
60 Hz 最大抽速 (cfm)	1.18 cfm
极限真空	2.0 mbar / 1.5 torr
极限真空, 使用气镇	4 mbar / 3 torr
泵头数	4
泵级数	3
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 6-10 mm
出气口连接	软管喷嘴接头 DN 8-10 mm
额定电机功率	0.16 kW
电机转速范围	200 - 3000 min ⁻¹
防护等级	IP 20
尺寸 (长x宽x高)	301 mm x 341 mm x 493 mm
重量	8.7 kg
噪音水平 50 Hz/1500 Upm/62% (VARIO)/1500 Upm (VARIO-SP)/12500 Upm (VACUU·PURE®)	42 dBA
ATEX规格	II 3/- G Ex h IIC T3 Gc X Internal Atm. only
NRTL 标准	是
通讯	Ethernet (RJ45): Modbus TCP / USB (Type A): Data transfer, software update, RS-232 (additional adapter required)

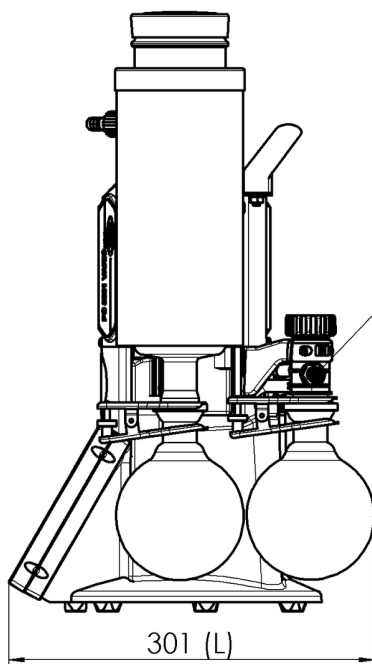
50 Hz下的抽速曲线



50 Hz下的抽气曲线（10升容积）



尺寸规格表

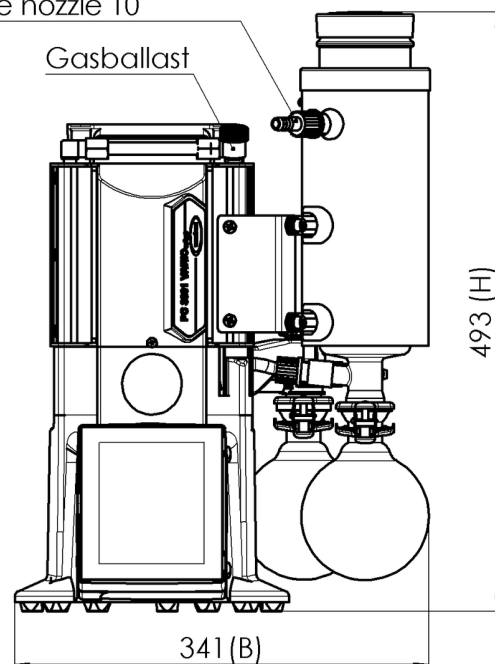


Alle Maße / all dimensions (mm)
Gewicht / weight 8,7 kg

EX - Schlauchwelle 10
hose nozzle 10

Gasballast

IN - Schlauchwelle 6/10
hose nozzle 6/10



VACUUBRAND PC 3001 VARIO select TE
Version 2017/06/29

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