VACUUBRAND®

VARIO® 变频化学真空系统
PC 3001 VARIO select



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。当连接冷水管道或循环制冷机时，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

- 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！

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/20700203

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	200-230 V | 50-60 Hz 100-120 V | 50-60 Hz	US	20700203

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** MD 1C, MD 1C +AK+EK, MD 1C VARIO-SP, PC 2001 VARIO, PC 3001 VARIO, MV 0.5C (20696828)
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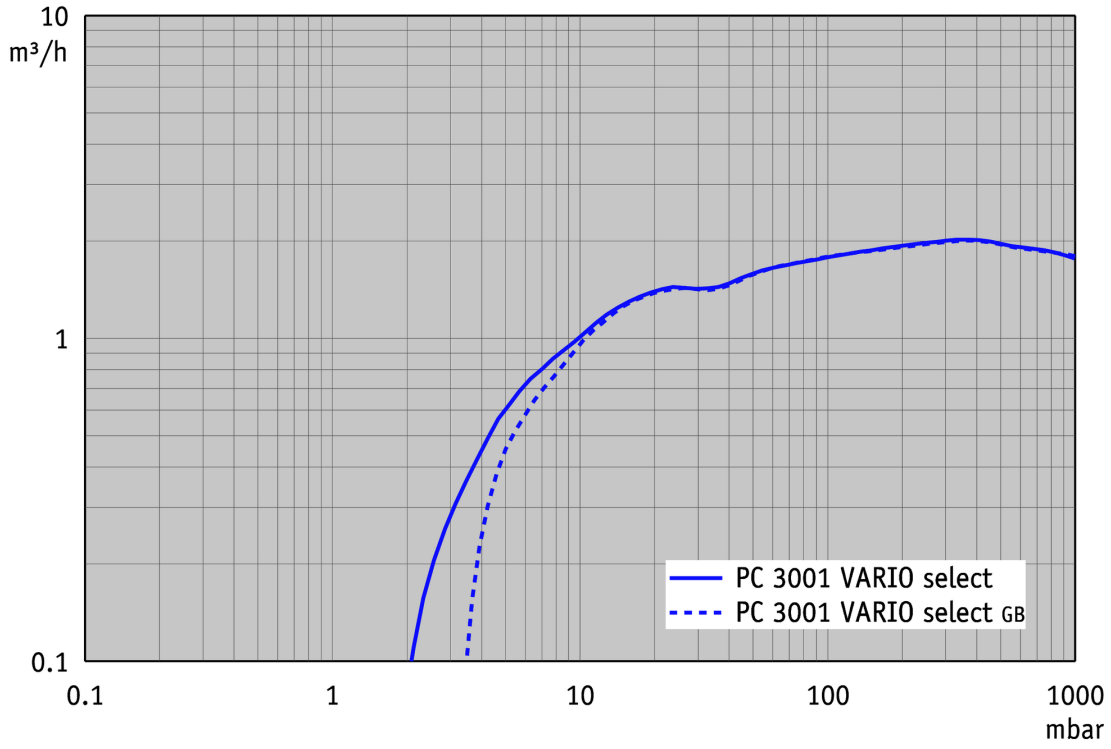
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技术指标

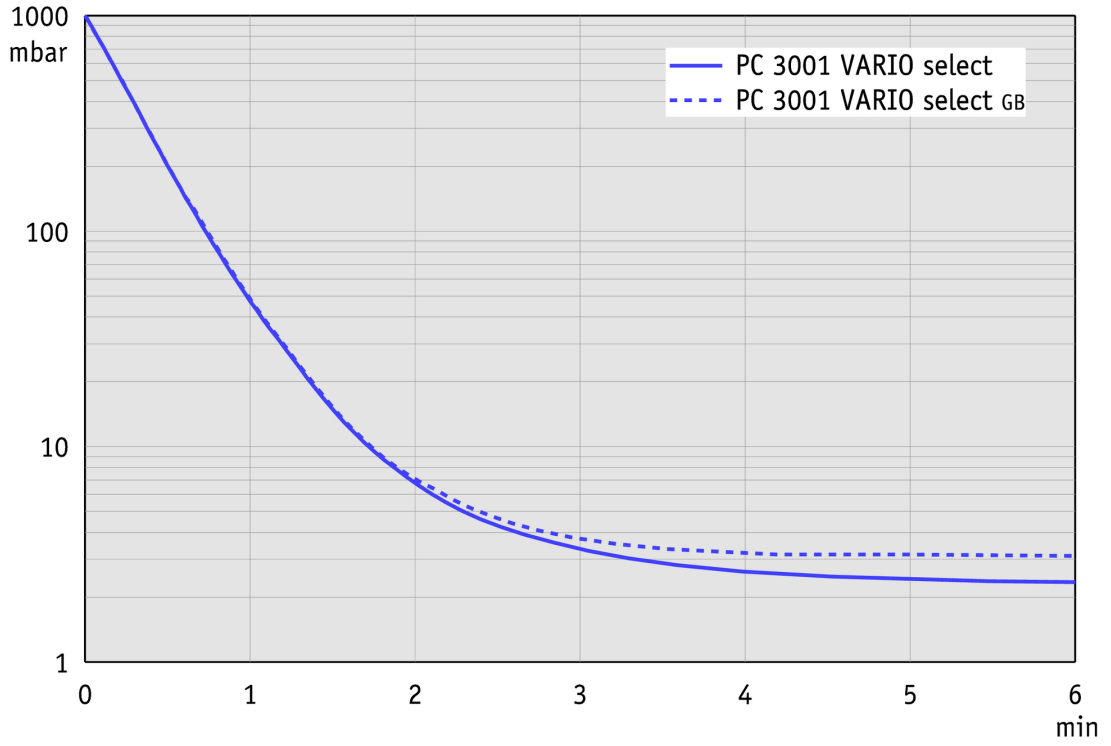
50 Hz **最大抽速** (m^3/h)	2 m^3/h
60 Hz **最大抽速** (cfm)	1.18 cfm
极限真空	2.0 mbar / 1.5 torr
极限真空，使用气镇	4 mbar / 3 torr
泵头数	4
泵级数	3
真空控制器	VACUU·SELECT
的允许环境温度范围（运行）	10 - 40 °C
的允许环境温度范围（存放）	-10 - 60 °C
最大出气口压力 (绝对压力)	1.1 bar
进气口连接	**软管喷嘴接头** DN 6-10 mm
出气口连接	**软管喷嘴接头** DN 8-10 mm
冷却液接口	2**个** DN 6-8 mm **软管喷嘴接头**
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）	303 mm x 306 mm x 400 mm
重量	8.2 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)

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50 Hz下的抽速曲线



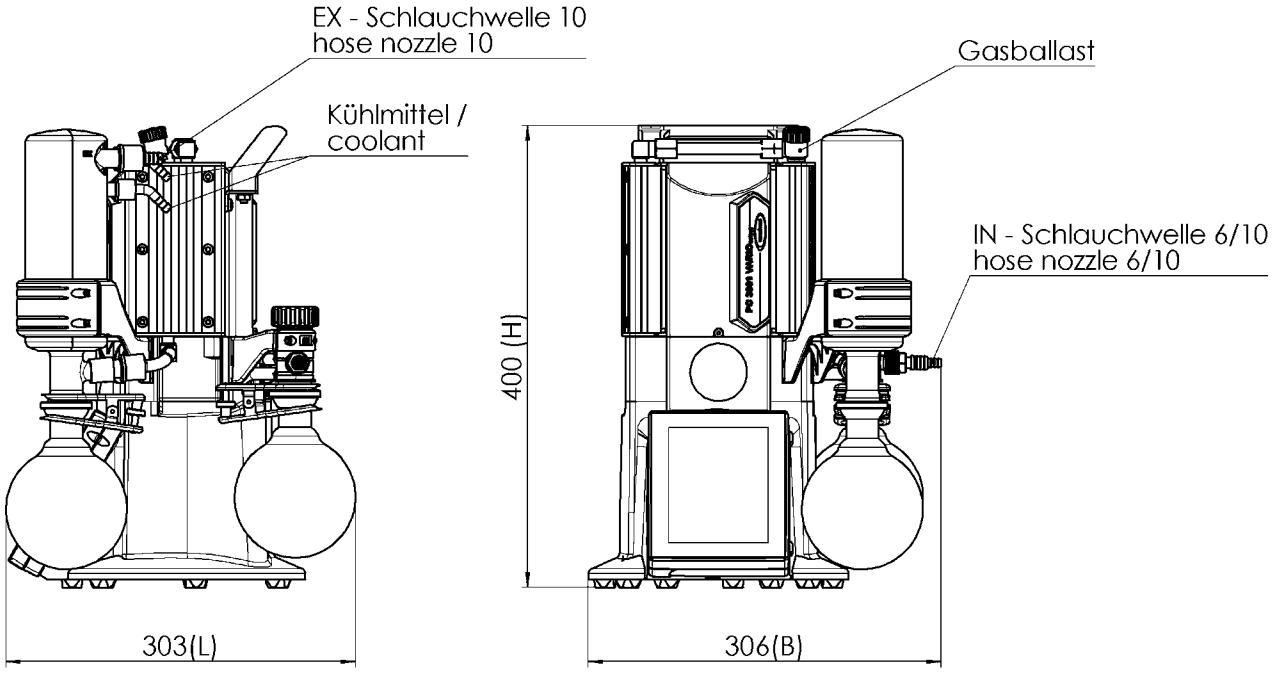
50 Hz下的抽气曲线 （10升容积）



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尺寸规格表





Alle Maße / all dimensions (mm)

VACUUBRAND PC 3001 VARIO select
Version 2017/06/29

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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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