

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！

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	IN	20700207

货品配置

真空系统安装完毕，连接即可使用，附带说明书

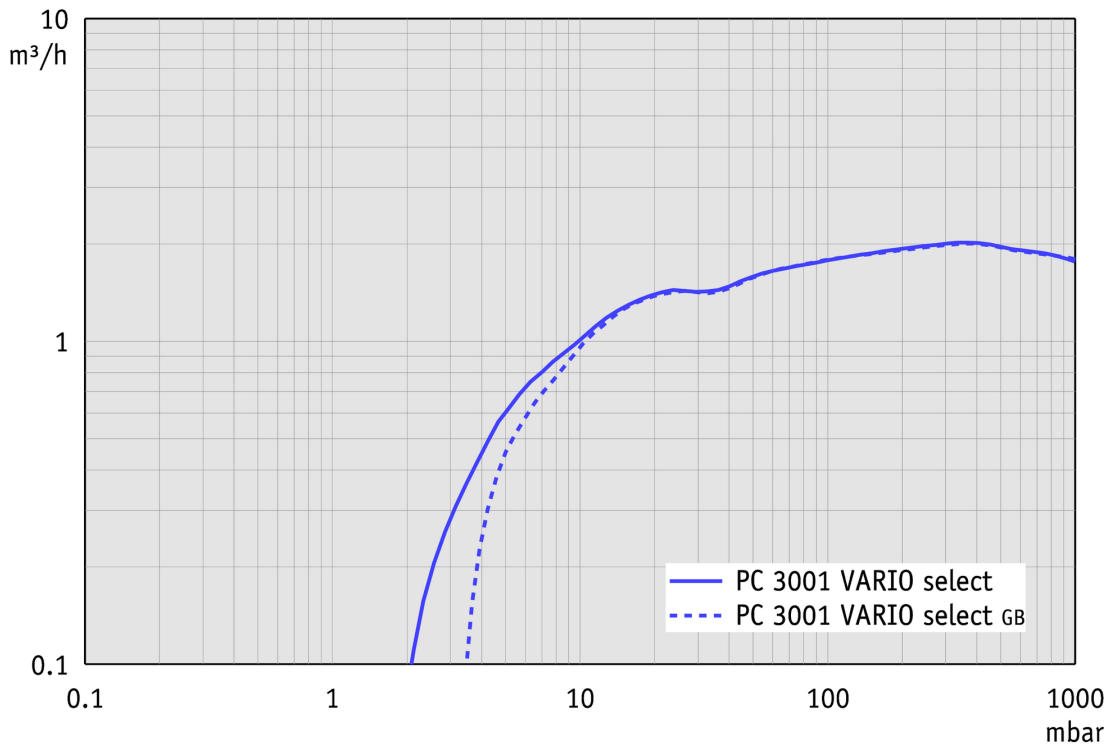
配件

- VACUU-SELECT用户管理 VACUU-SELECT User Management (20700900)
- 橡胶真空管 DN 8 mm (20686001)
- VACUU-LAN® 模块 Einstellwinkel 90° (20637873)
- 用于收集瓶的液面探测传感器 500 ml (20699908)
- 冷凝水阀 VKW-B (20674220)

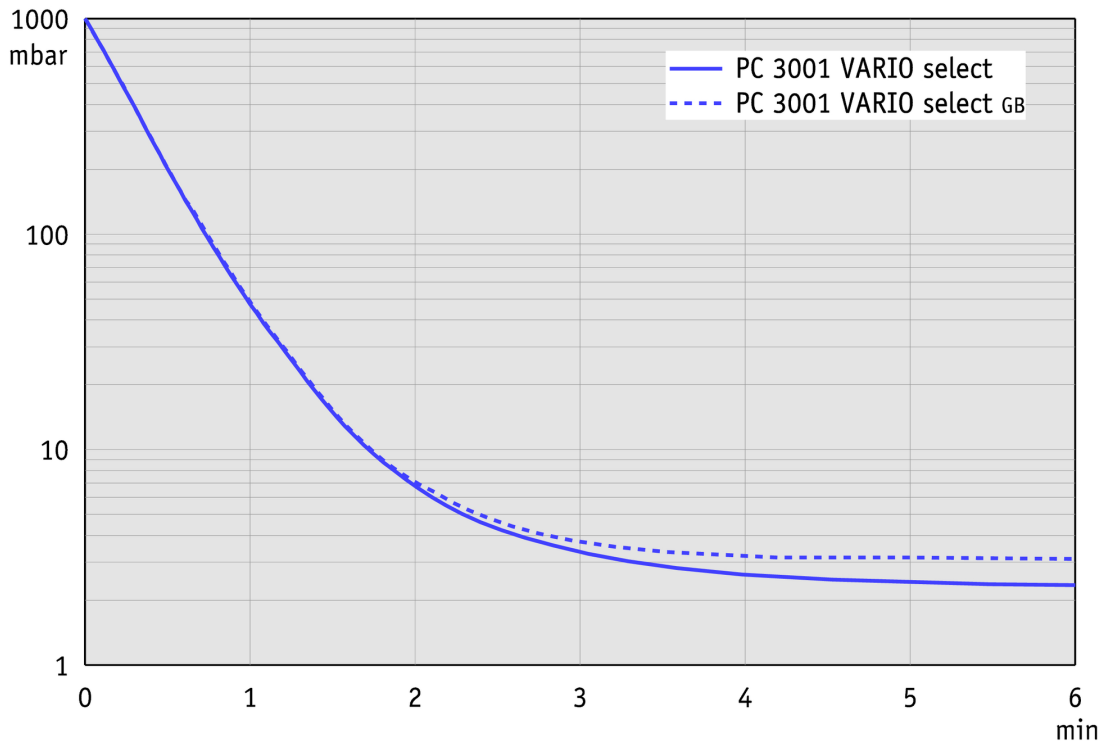
技术指标

50 Hz 最大抽速 (mbar)	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)

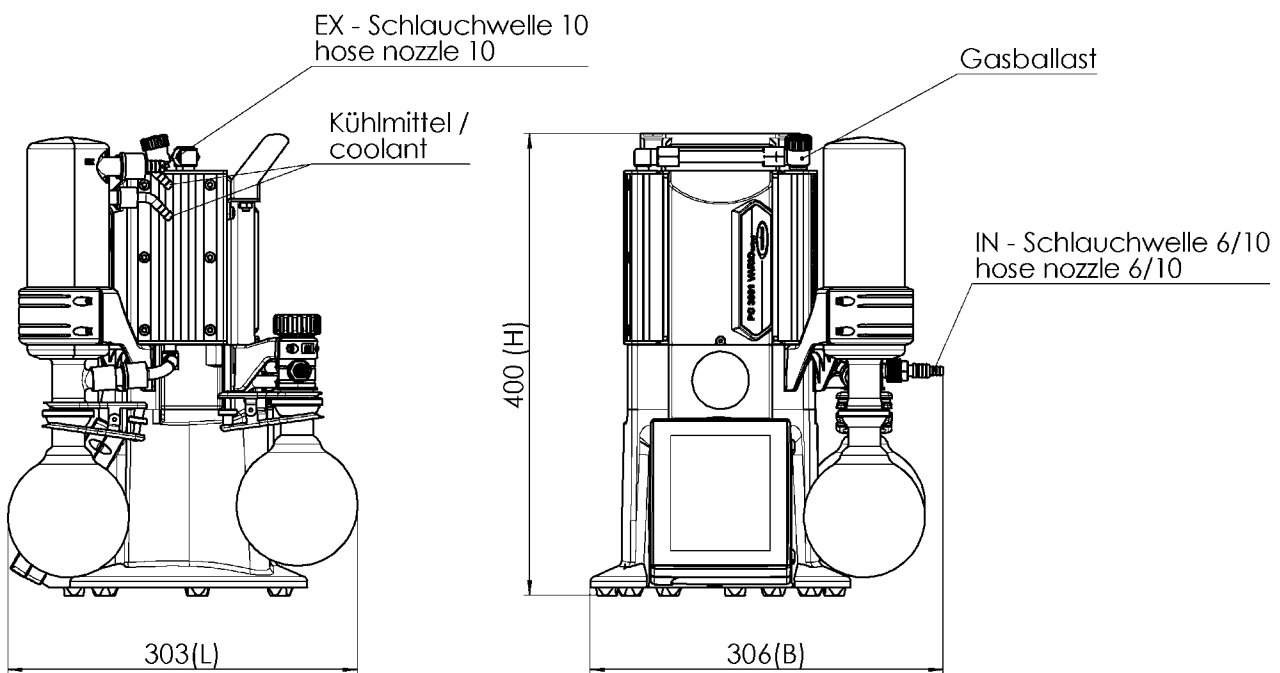
50 Hz下的抽速曲线



50 Hz下的抽气曲线 (10升容积)



尺寸规格表



Alle Maße / all dimensions (mm)

VACUUBRAND PC 3001 VARIO select
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VACUUBRAND GMBH + CO KG
P.O. Box 1664
97877 Wertheim
T +49 9342 808 5550
F +49 9342 808 5555

info@vacuubrand.com
www.vacuubrand.com

VACUUBRAND®

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BRAND (Shanghai) Trading Co., Ltd.
Shanghai, China

T +86 21 6422 2318
info@brand.com.cn
china.brand.com.cn

BRAND Scientific Equipment Pvt. Ltd.
Mumbai, India

T +91 22 42957790
customersupport@brand.co.in
www.brand.co.in

BRANDTECH® Scientific, Inc.
Essex, CT. United States of America

T +1 860 767 2562
info@brandtech.com
www.brandtech.com