

化学真空系统 PC 510 select

[网站链接](#)

产品说明

对于需要进行电子控制蒸发或干燥过程的应用，我们的PC 500系列化学真空系统是一个很好的选择。备受欢迎的MZ 2C NT二级化学隔膜泵是这系列真空系统的核心组件，常用于含有常规溶剂的中等尺寸的真空应用。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，控制器会在探测到溶剂沸腾时压力后切换至两点法控制，保证溶剂沸点被探测到时体系压力能够维持稳定的状态。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

- 配置图形用户界面的VACUU·SELECT真空控制器能简化实验室工作
- 预定义的应用程序能节省时间，并得到可重复的结果
- 简易操作的应用编辑器允许编辑一系列自定义真空应用
- 性能强劲的真空泵具有优异的化学和冷凝液耐受性
- 高效的溶剂回收率，对环境友好

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 510 select	100-115 V 50-60 Hz 120 V 60 Hz	US	20733153

货品配置

真空系统安装完毕，连接即可使用，附带说明书

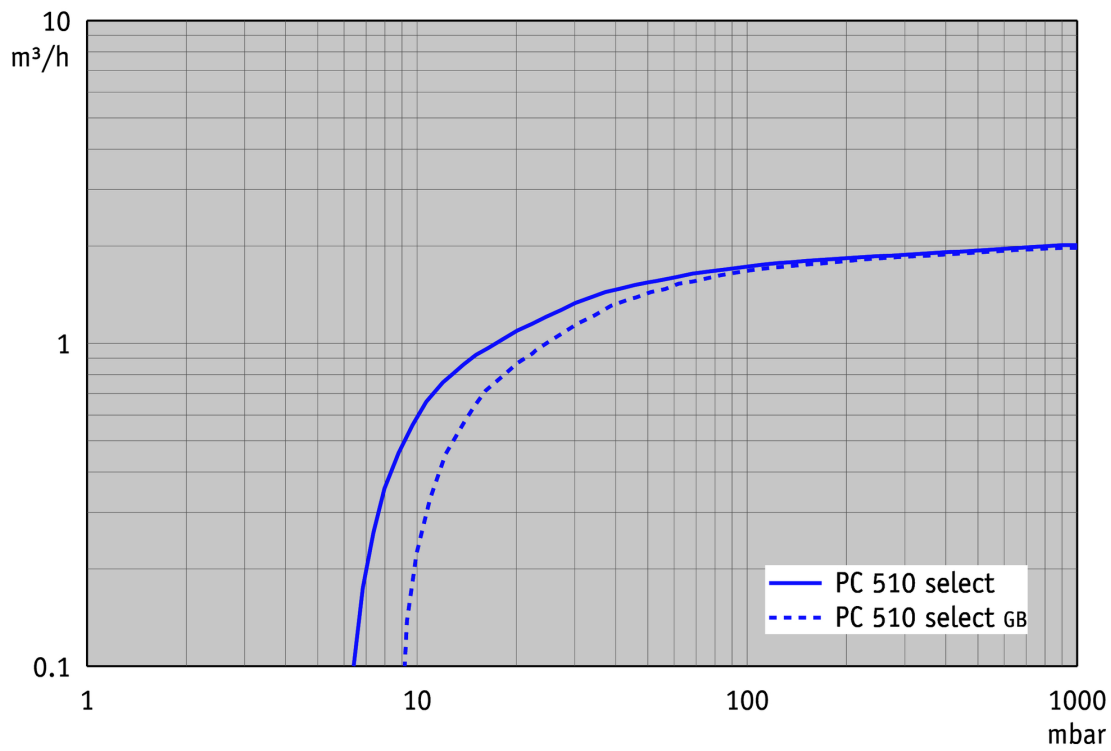
配件

- VACUU-SELECT**用户管理** VACUU-SELECT User Management (20700900)
- DN 8-10mm (20636588)
- VACUU-LAN® **模块** DN 10/8 mm (20637873)
- **透明真空管** DN 8 mm (20686061)
- **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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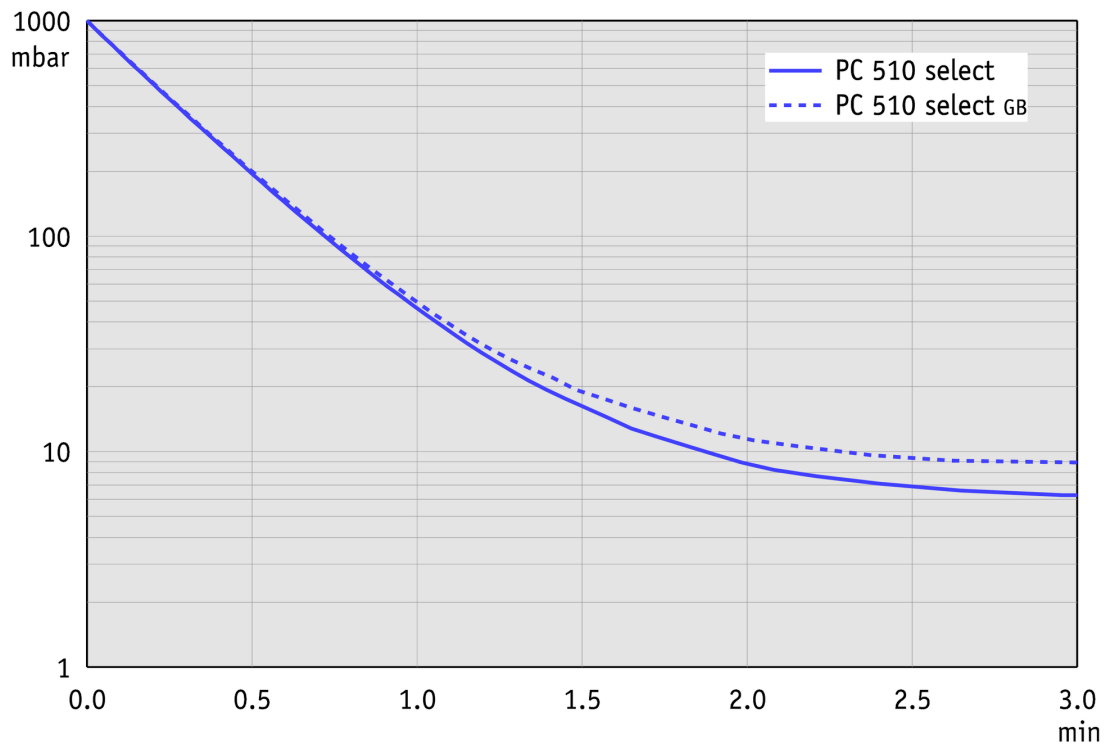
技术指标

50 Hz 最大抽速 (mbar)	2 m³/h
60 Hz 最大抽速 (cfm)	1.4 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	0.18 kW
额定转速 50/60 Hz	1500/1800 min ⁻¹
防护等级	IP 20
尺寸 (长x宽x高)	418 mm x 272 mm x 457 mm
重量	17.6 kg
噪音水平 50 Hz/1500 Upm/62% (VARIO)/1500 Upm (VARIO-SP)/12500 Upm (VACUU-PURE®)	45 dBA
NRTL 标准	否
通讯	Ethernet (RJ45): Modbus TCP / USB (Type A): Data transfer, software update, RS-232 (additional adapter required)

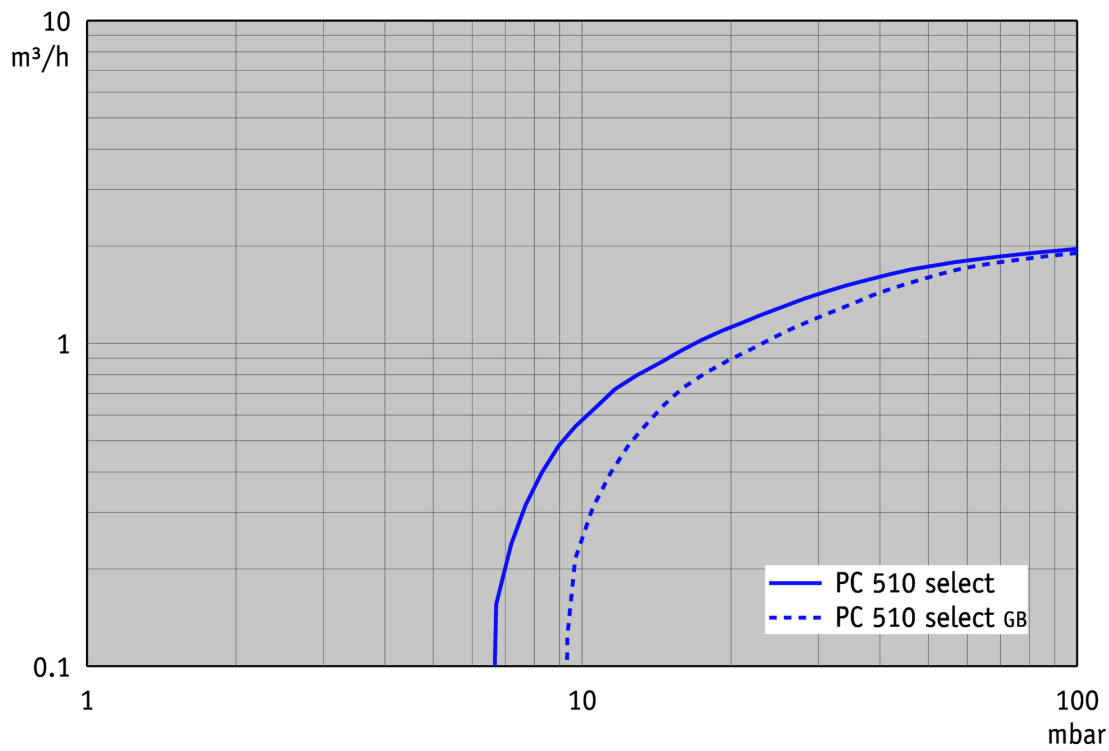
50 Hz下的抽速曲线



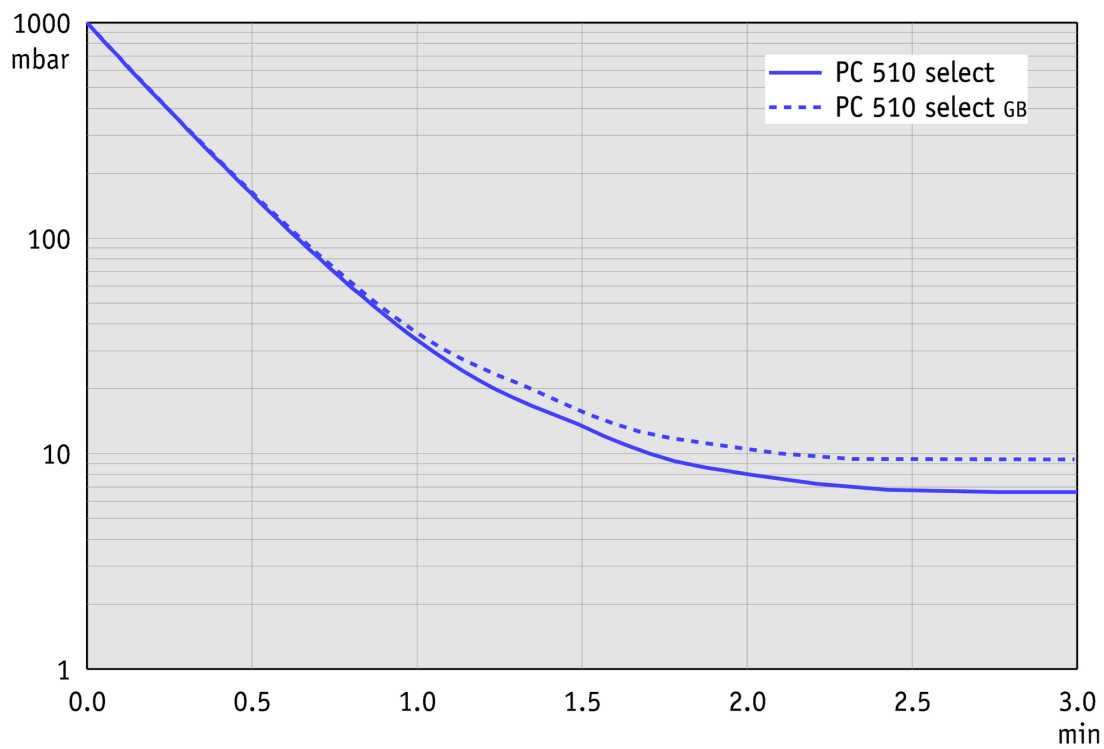
50 Hz下的抽气曲线（10升容积）



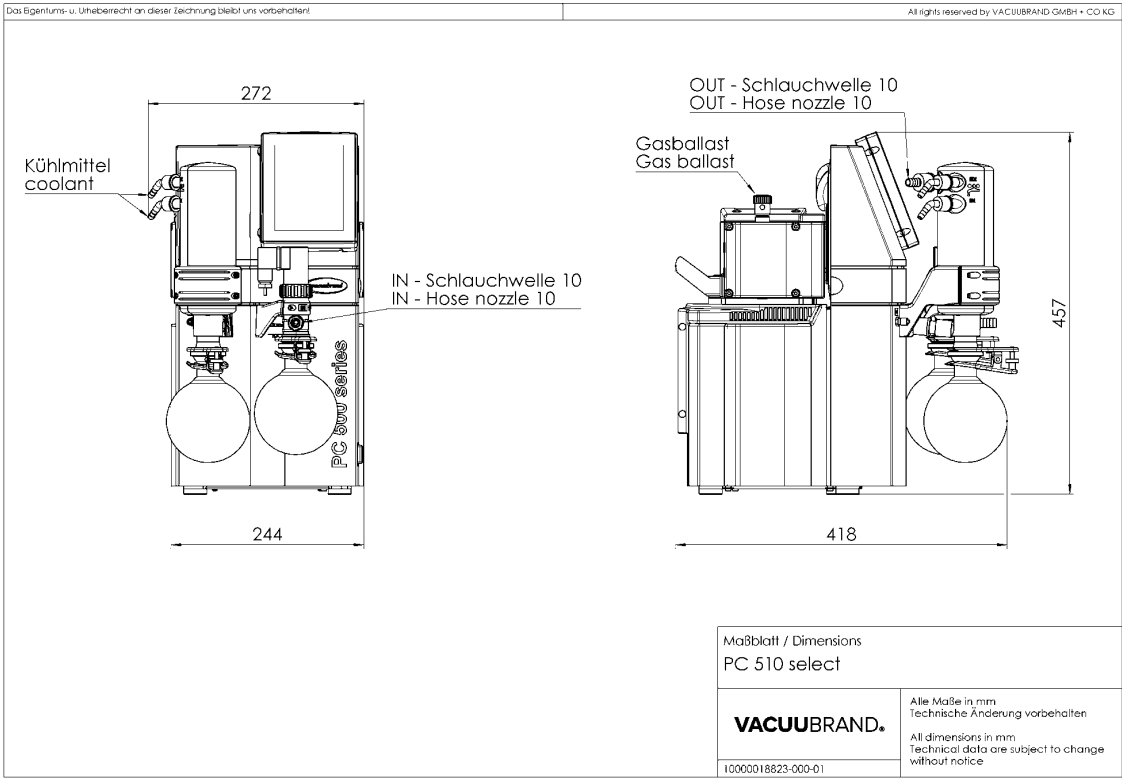
60 Hz下的抽速曲线



60 Hz下的抽气曲线 (10升容积)



尺寸规格表



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