VACUUBRAND®

# 化学真空系统
# PC 511 select




网站链接

## 产品说明

对于一台泵同时运行两个独立的真空应用需求，PC 511 select是一个既经济又能节省空间的解决方案。备受欢迎的MZ 2C NT二级隔膜泵是这些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。 VACUU·SELECT真空控制器采用直观、基于应用程序的用户界面，为所有常见实验室应用提供预定义的真空过程。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，直接蒸馏，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，电子控制端口能检测爆沸时压力，当溶剂沸点被探测到时切换至两点法控制，将压力维持在一个稳定的水平。另外，手动控制的真空端口允许在同一泵上同时操作第二个真空应用程序。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

- 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
- PC 511 select可以同时运行两个独立的真空应用

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/20733253

## 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 511 select | 100-115 V \| 50-60 Hz<br>120 V \| 60 Hz | US | 20733253 |

## 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)
- NT SYNCHRO**真空系统中的压力计升级套件** NT SYNCHRO Vakuumsysteme (20699907)
- **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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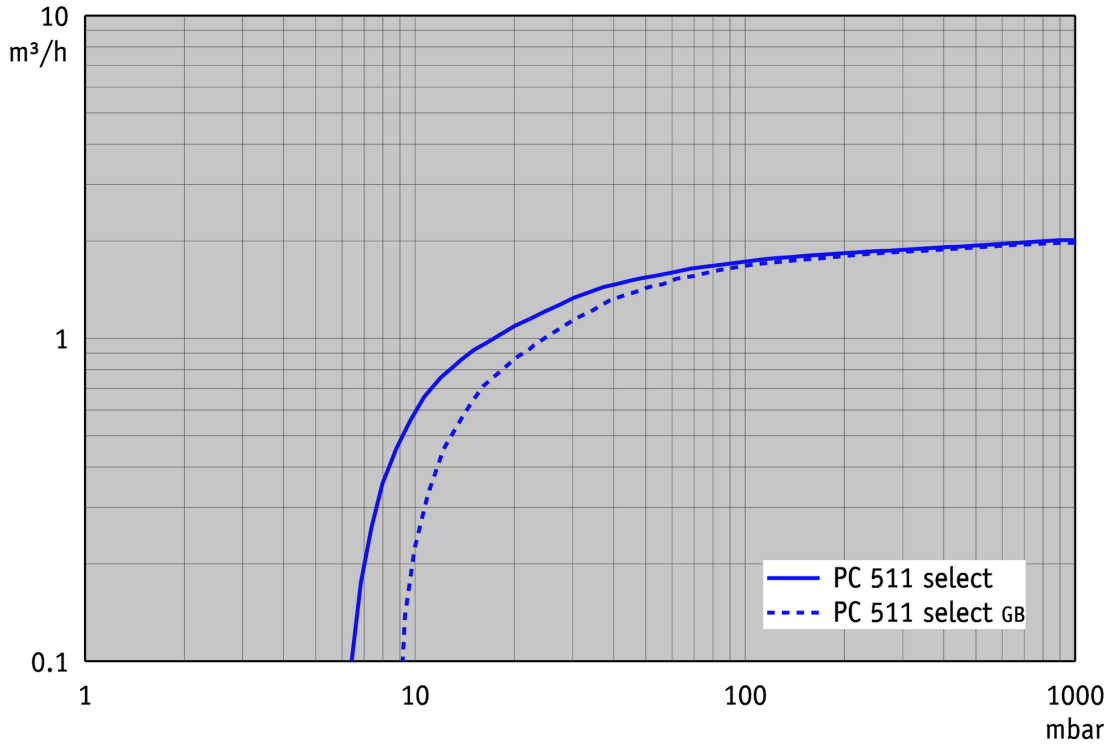

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## 技术指标

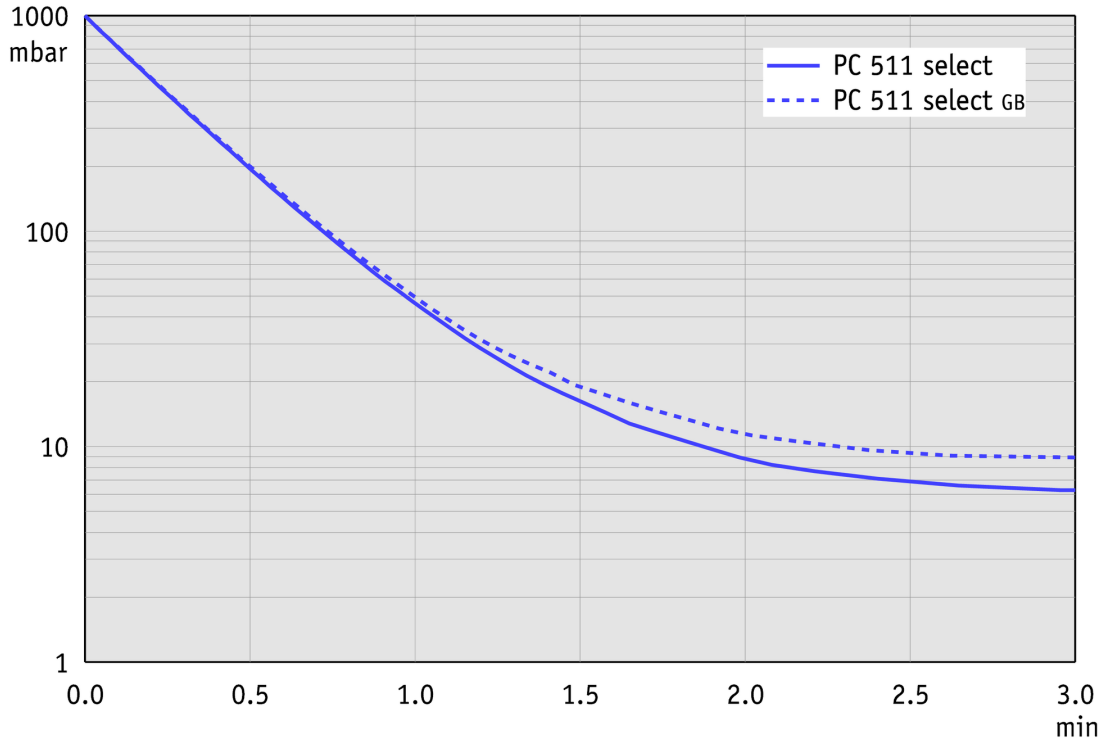
| | |
|---|---|
| 50 Hz **最大抽速** ($m^3/h$) | 2 $m^3/h$ |
| 60 Hz **最大抽速** (cfm) | 1.4 cfm |
| **极限真空** | 7 mbar / 5 torr |
| **极限真空，使用气镇** | 12 mbar / 9 torr |
| **泵头数** | 2 |
| **泵级数** | 2 |
| **真空控制器** | VACUU·SELECT |
| **的允许环境温度范围（运行）** | 10 - 40 °C |
| **的允许环境温度范围（存放）** | -10 - 60 °C |
| **最大出气口压力 (绝对压力)** | 1.1 bar |
| **进气口连接** | 2 x **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）** | 435 mm x 272 mm x 457 mm |
| **重量** | 19.2 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) |


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## 50 Hz下的抽速曲线



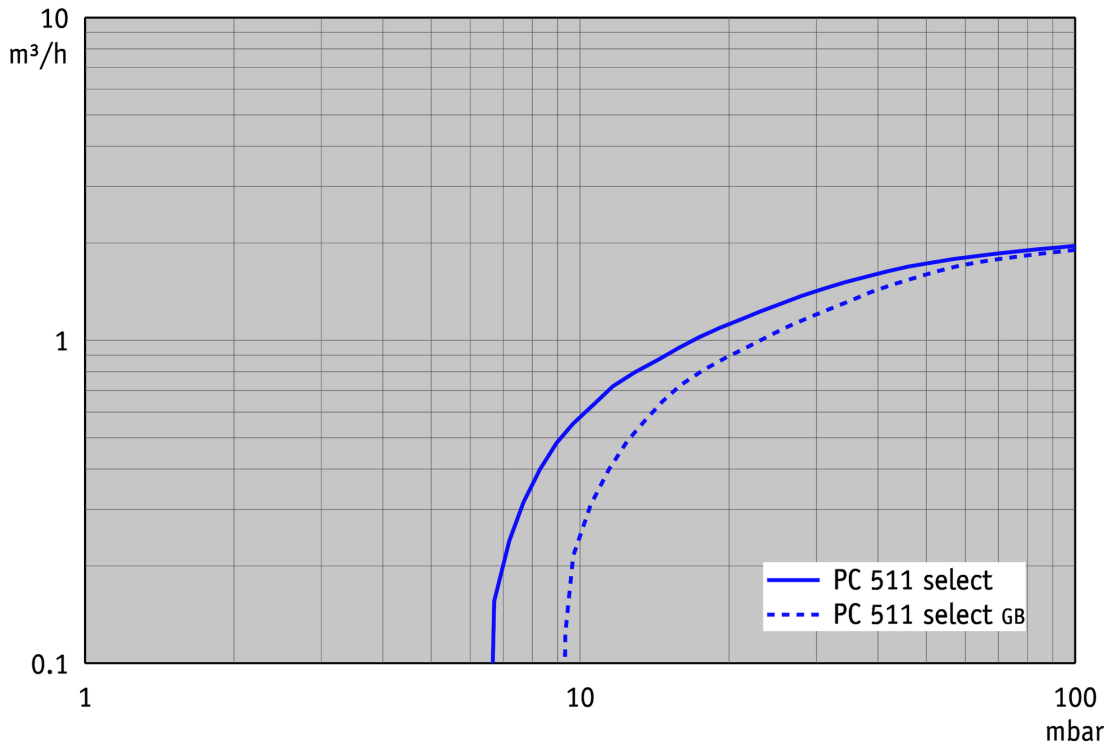

## 50 Hz下的抽气曲线 （10升容积）



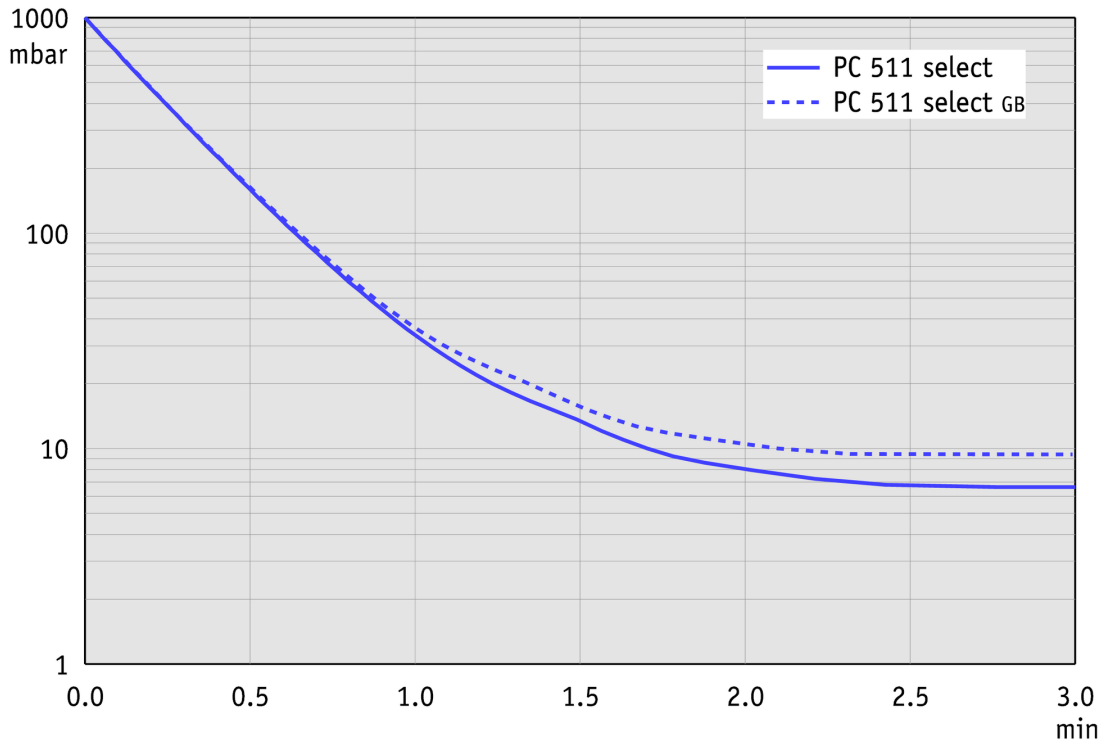


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## 60 Hz下的抽速曲线




## 60 Hz下的抽气曲线 （10升容积）

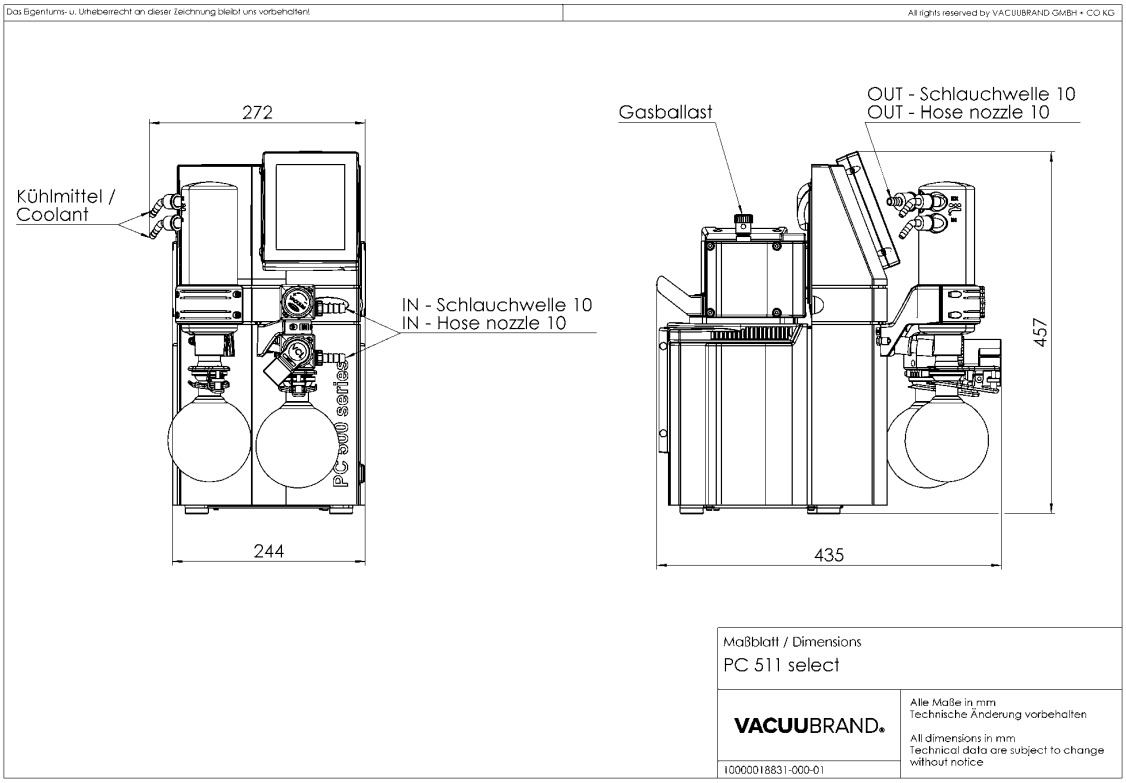




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# 尺寸规格表





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VACUUBRAND

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