

# 化学真空系统 PC 611 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，此款化学真空系统是一个既经济又能节省空间的解决方案。基础泵是备受欢迎的MD 4C NT 三级隔膜泵，PC 611 select常用于含高沸点溶剂的真空应用。该泵能够同时搭配两个独立的真空应用使用。一个应用由配备直通电磁阀的VACUU-SELECT真空控制器进行控制，另一个应用由手动流量调节阀进行抽速控制。两个真空端口都内置单向止回阀，能够防止交叉污染互相影响。集成式的VACUU-SELECT真空控制器采用直观、基于应用程序的用户界面，覆盖了所有实验室常见真空应用。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，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。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
- 满足高真空需求，如绝大多数高沸点溶剂
- PC 611 select可以同时运行两个独立的真空应用

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 611 select | 230 V   50-60 Hz | CH     | 20737251 |

货品配置

真空系统安装完毕，连接即可使用， 附带说明书

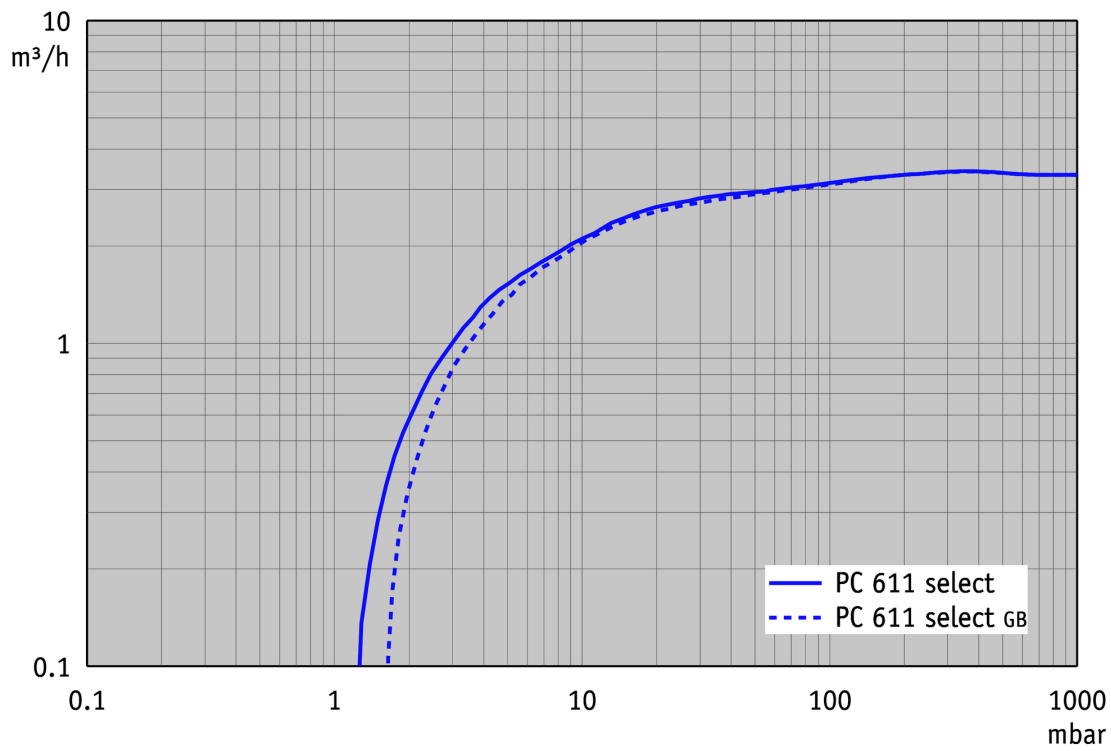
配件

- 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** MD 4C NT/VARIO / PC 3003 / PC 3004 (20696870)
- DN 8-10mm (20636588)
- **透明真空管** DN 8 mm (20686061)
- **密封圈套装** MD 4C NT/VARIO / PC 3003 / PC 3004 (20696870)

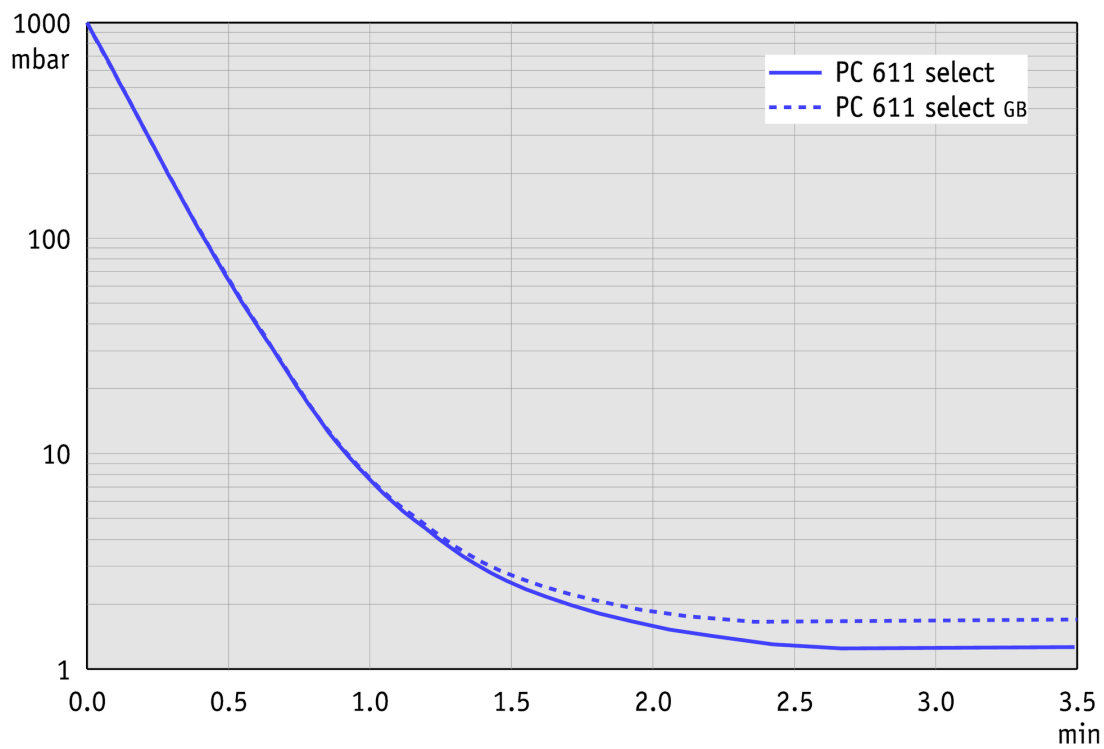
技术指标

| 50 Hz 最大抽速 (mbar)                                                           | 3.4 m³/h                                                                                                         |
|-----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| 60 Hz 最大抽速 (cfm)                                                            | 2.2 cfm                                                                                                          |
| 极限真空                                                                        | 1.5 mbar / 1.1 torr                                                                                              |
| 极限真空, 使用气镇                                                                  | 3 mbar / 2.2 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                                                                       | 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                                                                      | 0.25 kW                                                                                                          |
| 额定转速 50/60 Hz                                                               | 1500/1800 min <sup>-1</sup>                                                                                      |
| 防护等级                                                                        | IP 20                                                                                                            |
| 尺寸 (长x宽x高)                                                                  | 435 mm x 243 mm x 457 mm                                                                                         |
| 重量                                                                          | 21.3 kg                                                                                                          |
| 噪音水平 50 Hz/1500 Upm/62% (VARIO)/1500 Upm (VARIO-SP)/12500 Upm (VACUU-PURE®) | 45 dBA                                                                                                           |
| ATEX规格                                                                      | II 3/- G Ex h IIC T3 Gc X Internal Atm. only                                                                     |
| NRTL 标准                                                                     | 否                                                                                                                |
| 通讯                                                                          | Ethernet (RJ45): Modbus TCP / USB (Type A): Data transfer, software update, RS-232 (additional adapter required) |

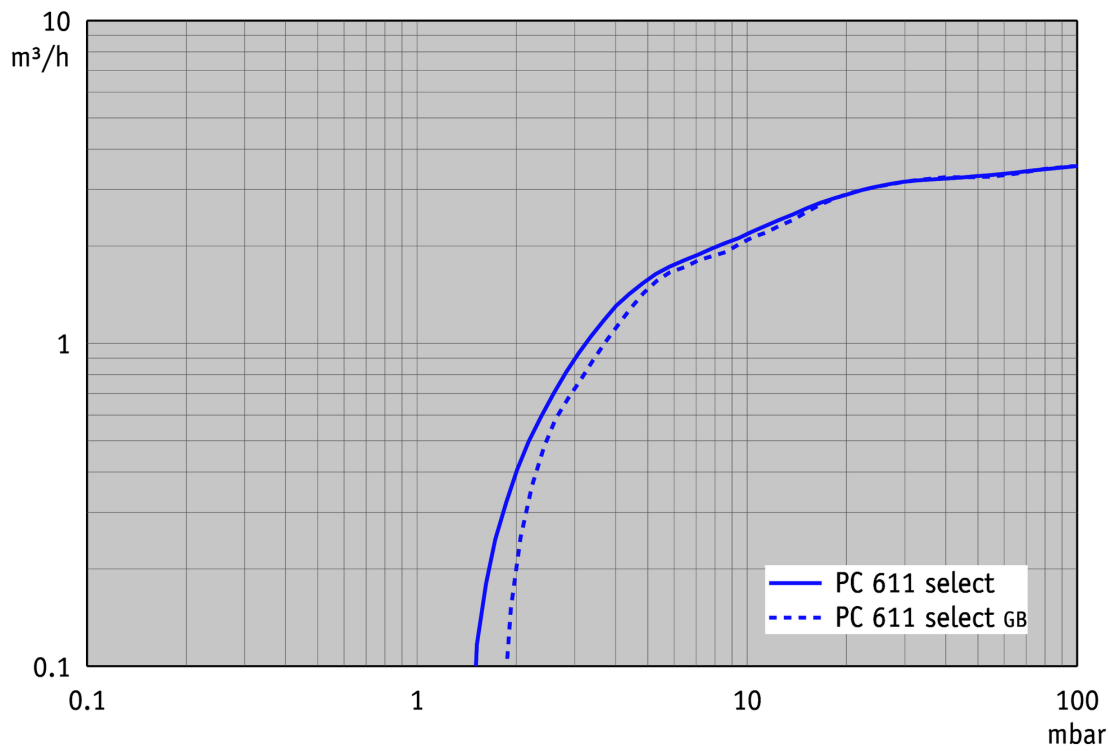
## 50 Hz下的抽速曲线



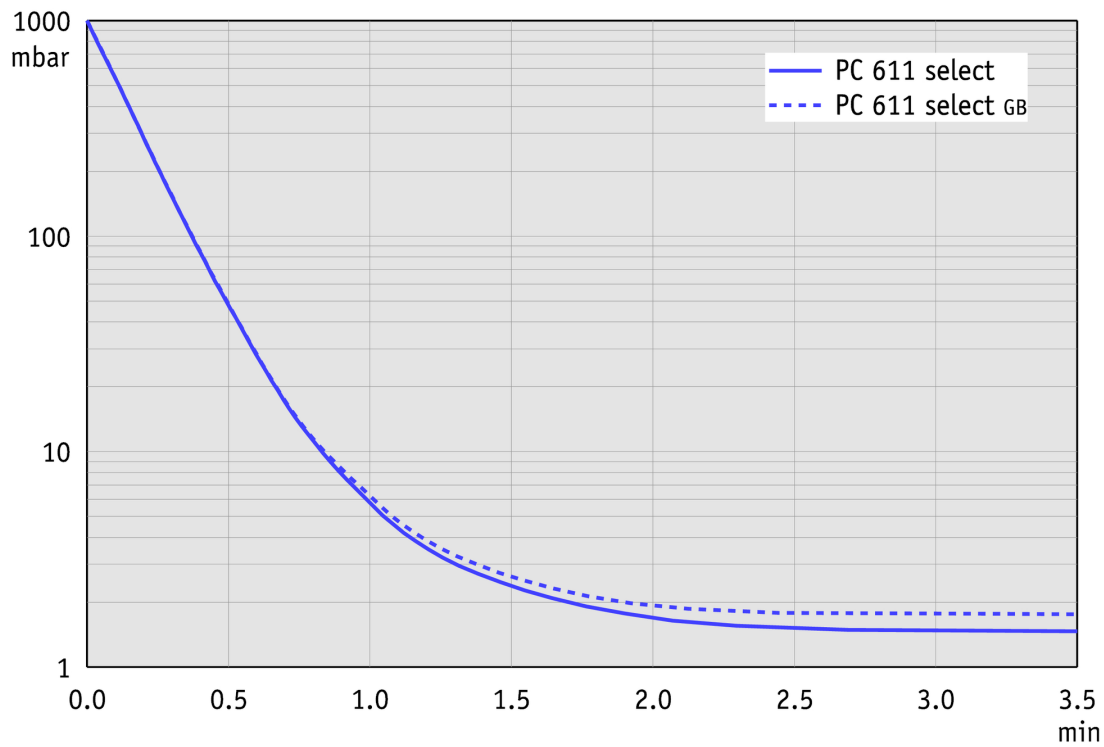
## 50 Hz下的抽气曲线（10升容积）



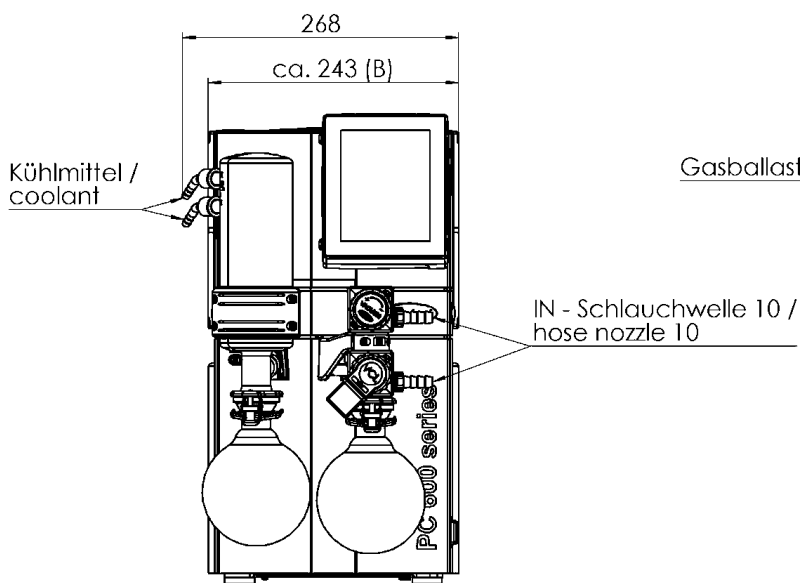
## 60 Hz下的抽速曲线



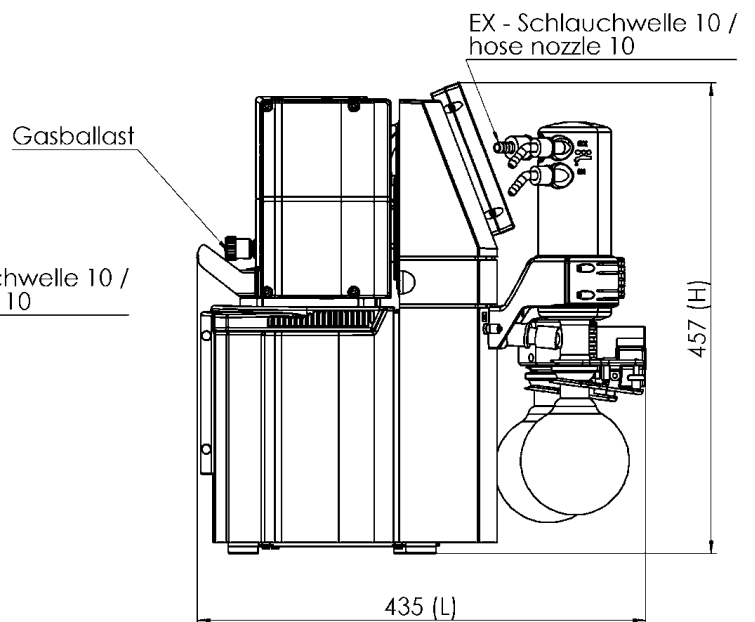
## 60 Hz下的抽气曲线（10升容积）



## 尺寸规格表



Alle Maße / all dimensions (mm)  
Gewicht / weight: ca.20,6 kg



VACUUBRAND PC 611 select  
Version 2017/09/05

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