VACUUBRAND®

# VARIO®化学真空系统 PC 3010 NT VARIO select



网站链接

## 产品说明

PC 3010 NT 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。该泵抽速大，极限真空度能达到几分之一毫巴，适用于在低温条件下要求较高的高沸点溶剂应用。在小试实验室，公斤级实验室和放大工厂，该泵常用于搭配落地式旋转蒸发仪、真空干燥箱、蒸馏塔以及其他类似应用。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，VACUU·SELECT真空控制器能够持续探测溶剂沸点，并按需自动调节真空过程。 此外，该变频控制方法通过控制电机按需运转以维持所需的真空度。这能防止碰撞和起泡，使泵运行安静，延长维护间隔时间。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。


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## 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 3010 NT VARIO select | 100-120 V \| 50-60 Hz | US | 25744853 |

## 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)
- **小法兰的中心支架** KF DN 20/25 (20660001)
- **小法兰外齐式环形中心支架** KF DN 20/25 (20660196)
- PVC**真空管，内置不锈钢螺线，带小法兰** KF DN 25 (20686021)
- **用于收集瓶的液面探测传感器** 500 ml (20699908)
- **冷凝水阀** VKW-B (20674220)
- **进气阀** VB M-B (20674217)
- **密封圈套装** MD 12C NT / MV 10C NT (20696839)

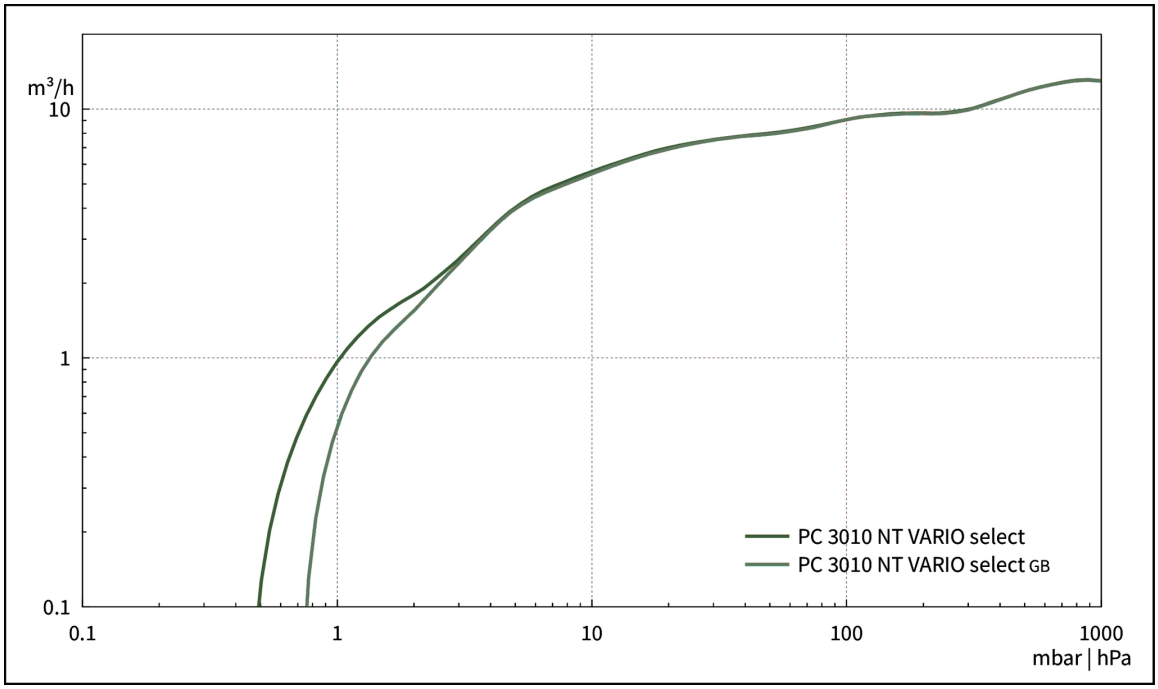

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## 技术指标

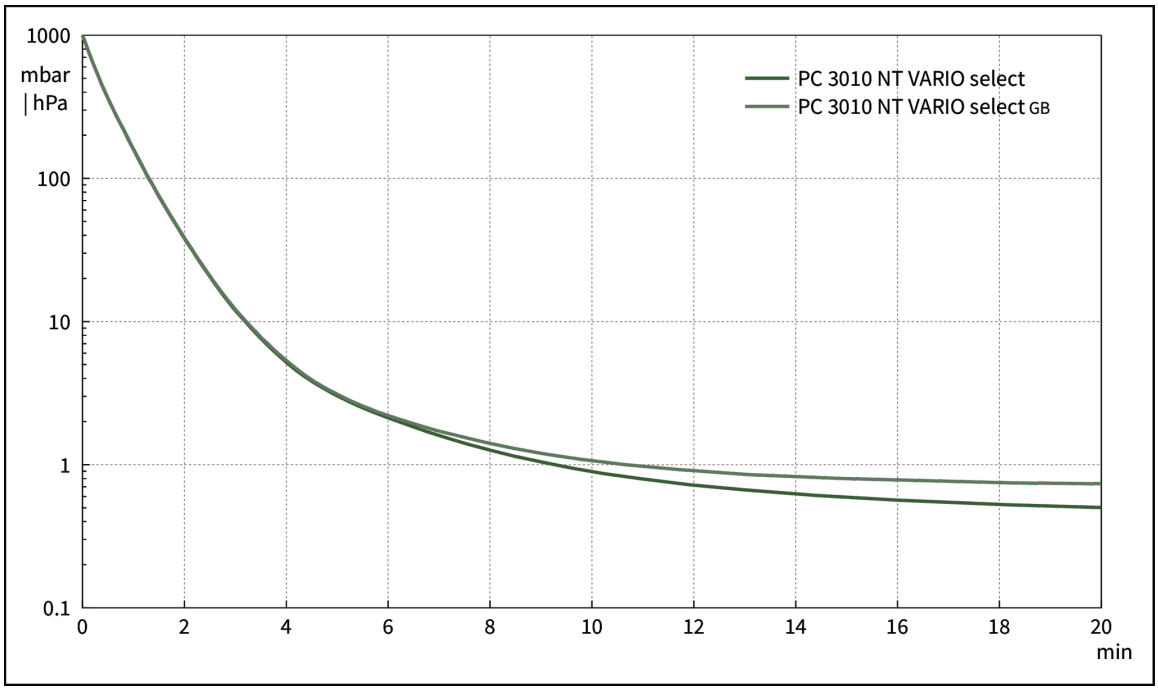
| | |
|---|---|
| 50 Hz 最大抽速 ($m^3/h$) | 12.8 $m^3/h$ |
| 60 Hz 最大抽速 (cfm) | 7.5 cfm |
| 极限真空 | 0.6 mbar / 0.45 torr |
| 极限真空，使用气镇 | 1.2 mbar / 0.9 torr |
| 泵头数 | 8 |
| 泵级数 | 4 |
| 真空控制器 | VACUU·SELECT |
| 的允许环境温度范围（运行） | 10 - 40 °C |
| 的允许环境温度范围（存放） | -10 - 60 °C |
| 最大出气口压力 (绝对压力) | 1.1 bar |
| 进气口连接 | KF DN 25 小法兰 / DN 15 mm 软管喷嘴接头 |
| 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 | 0.53 kW |
| 电机转速范围 | 30 - 2400 $min^{-1}$ |
| 防护等级 | IP 40 |
| 尺寸（长x宽x高） | 616 mm x 387 mm x 450 mm |
| 重量 | 29.7 kg |
| 噪音水平 50 Hz/1500 Upm/62% (VARIO)/1500 Upm (VARIO-SP)/12500 Upm (VACUU·PURE®) | 47 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 （100升容积）

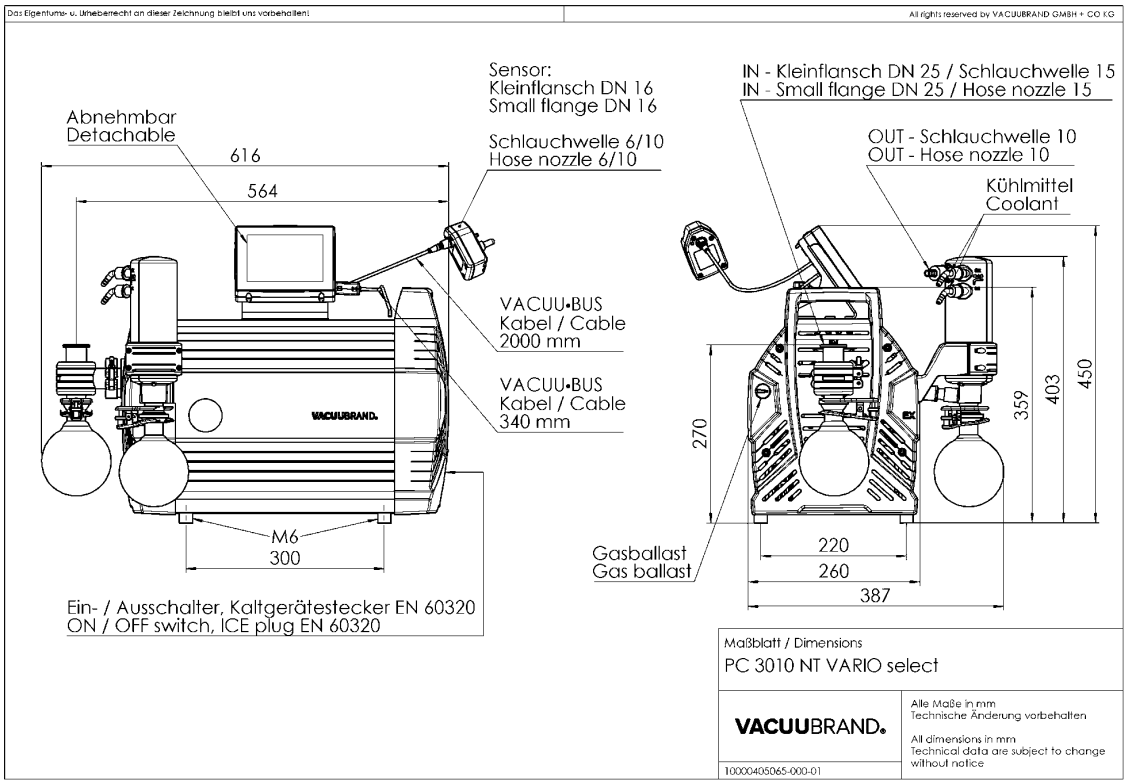




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# 尺寸规格表






技术参数如有变化,恕不另行通知

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