

# VARIO® 变频化学隔膜 泵 MD 4C VARIO select

[网站链接](#)

## 产品说明

对于使用高沸点溶剂的实验室应用，MD 4C VARIO select是一个很好的解决方案。该泵的三级隔膜配置使其的极限真空度能达到1.5 mbar。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，且确保了磨损部件的使用寿命无与伦比。

## 性能特点

- 配置图形用户界面及预定义应用的VACUU-SELECT真空控制器能简化实验室工作
- 自动沸点探测及真空度调节能够缩短反应时间
- 超长的膜片寿命，维护周期长且维护成本低
- 满足高真空需求，如绝大多数高沸点溶剂

## 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
MD 4C VARIO select	200-230 V   50-60 Hz	IN	20736557

## 货品配置

泵体安装完毕, 连接即可使用, 附带说明书

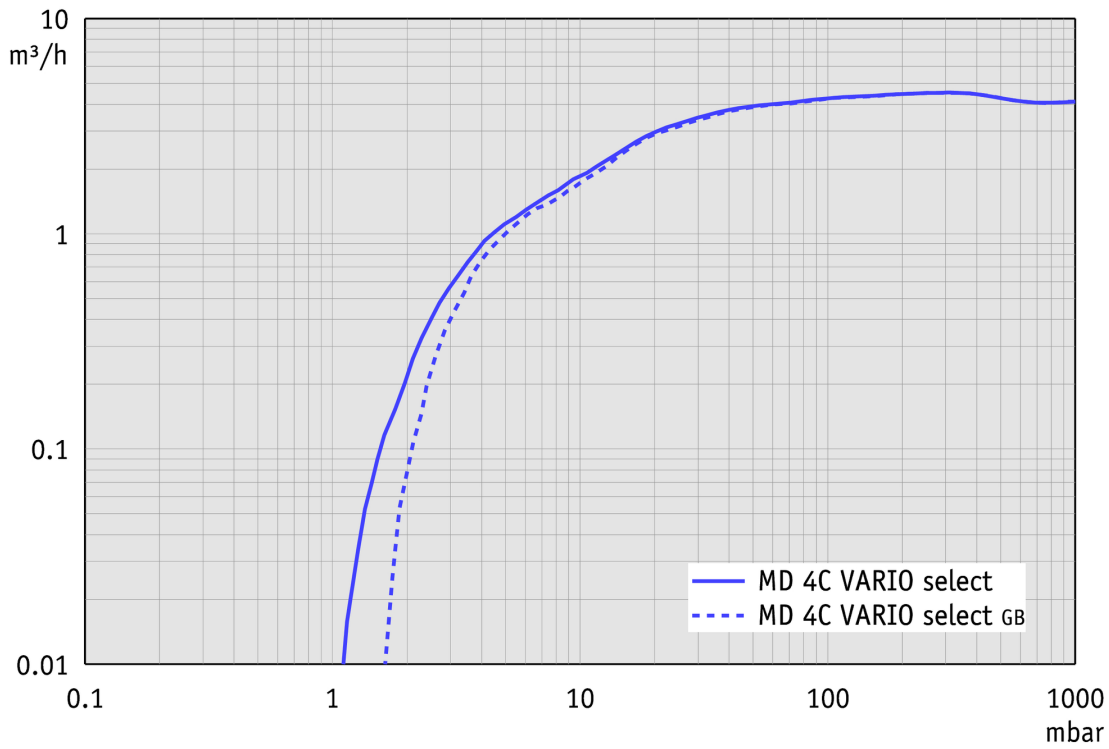
## 配件

- VACUU-SELECT用户管理 VACUU-SELECT User Management (20700900)
- DN 8-10mm (20636588)
- 橡胶真空管 DN 8 mm (20686001)

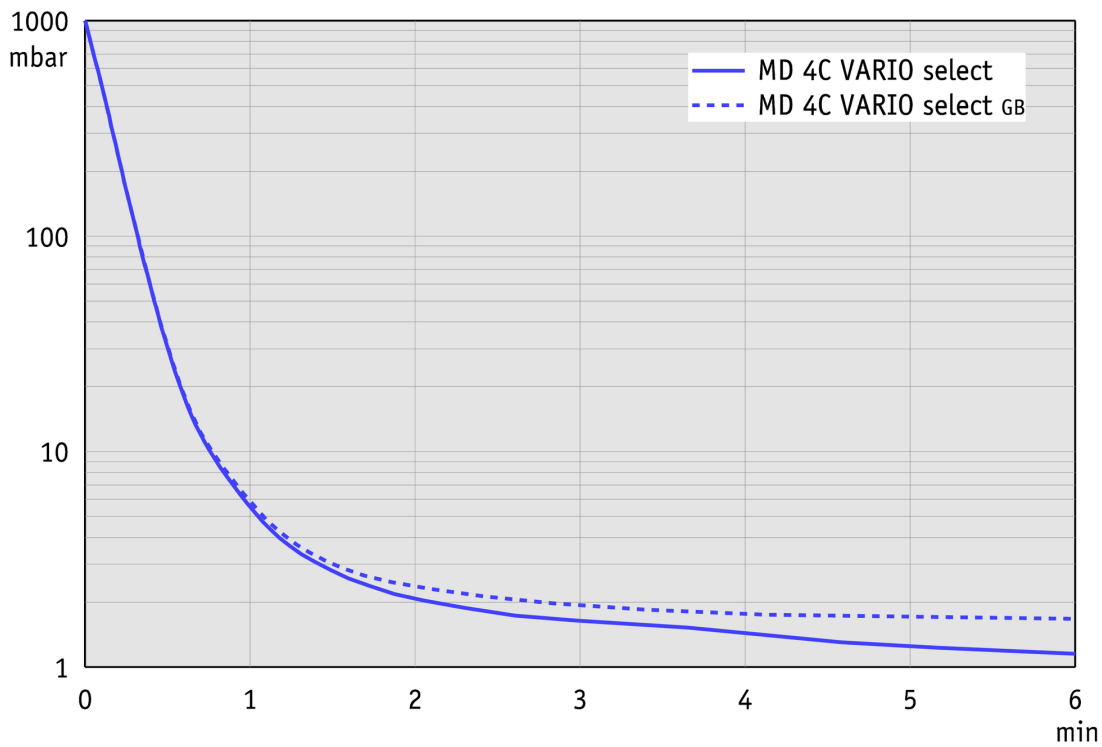
技术指标

50 Hz 最大抽速 (mbar)	4.6 m <sup>3</sup> /h
60 Hz 最大抽速 (cfm)	2.7 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	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
额定电机功率	0.53 kW
电机转速范围	30 - 2400 min <sup>-1</sup>
防护等级	IP 20
尺寸 (长x宽x高)	325 mm x 243 mm x 245 mm
重量	16.8 kg
噪音水平 50 Hz/1500 Upm/62% (VARIO)/1500 Upm (VARIO-SP)/12500 Upm (VACUU-PURE®)	43 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)

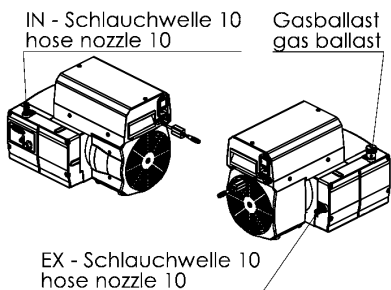
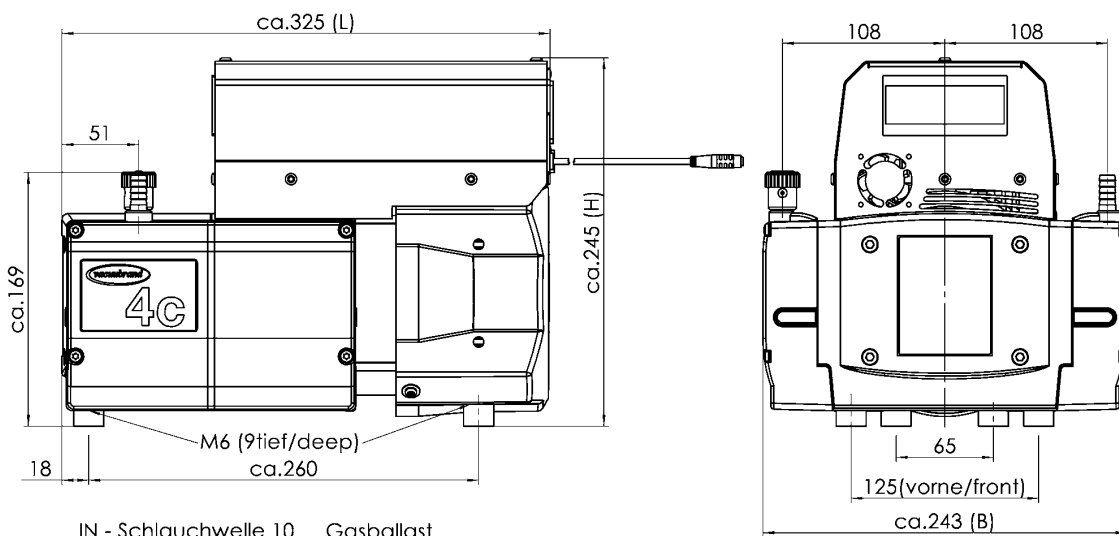
50 Hz下的抽速曲线



50 Hz下的抽气曲线 (10升容积)



## 尺寸规格表



Alle Maße / all dimensions (mm)

VACUUBRAND MD 4C NT VARIO  
Version 2009/05/05

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