

真空控制器 VACUU·SELECT

网站链接



产品说明

您是否正在寻找一款直观可视，简单易用的真空控制器？VACUUBRAND推出了新一代VACUU·SELECT真空控制器——以各种真空应用为基础，触屏设计，适用于所有实验室规模的真空应用。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。使用预定义的内置应用程序，只需选择您需要的应用程序并按下“start键”。控制器独立管理真空过程直至完成。在溶剂蒸发过程中，VACUU·SELECT真空控制器可探测沸点，并根据实际需要调节真空过程。你几乎可以不用干涉实验过程，把注意力放在其他工作上。对实验室应用来说，VACUU·SELECT真空控制器是一款简单易用且高效的控制器。

性能特点

- 通过VARIO变频隔膜泵的电机速度调节可以达到精确的VARIO®变频控制
- 经典的两点法真空控制通过打开和关闭电磁阀来实现
- 图形用户界面简化了实验室工作
- 预定义的应用程序可快速，节省时间并确保可重复的结果
- 应用程序编辑器允许轻松定制

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
VACUU-SELECT	100-230 V 50-60 Hz	CEE/CH/UK/US/AUS/CN	20700000

货品配置

VACUU-SELECT 真空控制器, 配真空传感器, 放气阀, 电源, VACUU-BUS® 延长线2 m, 100-230V / 50-60Hz, 插头型号CEE/CH/UK/US/AUS

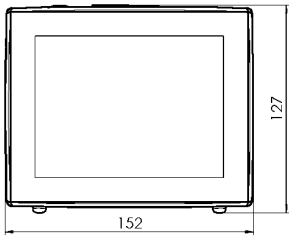
配件

- VACUU-SELECT用户管理 VACUU-SELECT User Management (20700900)
- 橡胶真空管 DN 8 mm (20686001)
- 电磁阀 VV-B 6C (20674291)
- 电磁阀 VV-B 15C (20674215)

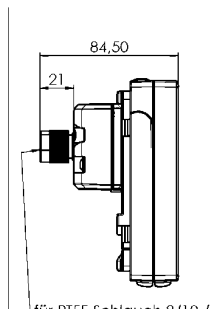
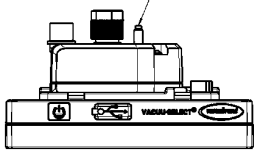
技术指标

测量范围 (mbar)	1080 - 0.1 mbar
测量范围 (torr)	810 - 0.1 torr
测量原理	陶瓷隔膜 (氧化铝), 电容式, 不依赖气体种类, 绝对压力
测量的不确定性	< +/- 1 mbar/hPa/torr / +/- 1 数位 (经过校准, 恒温)
真空传感器	VACUU-SELECT Sensor
温度系数	< 0.15 mbar/hPa/0.11 torr /K
真空接头	KF DN 16 小法兰, 10/8 mm PTFE 接头, DN 6/10 mm 软管喷嘴接头
放气阀, 接口	集成的, DN 4-5 mm 软管喷嘴接头
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
最大介质温度 (持续操作)	40 °C
短期内介质温度的最大值	80 °C
外壳材质	具有良好化学耐腐蚀性的坚固的塑料外壳
防护等级	IP 40
防护等级UL50E	Type 1
依据IEC 60529前面板的防护等级	IP 41
依据UL50E前面板的防护等级	Type 2
尺寸 (长x宽x高)	152 x 127 x 41 mm
重量	0.745 kg
最大阻断容量/阻断电流, 24V/VACUU-BUS®	4 A
连接电缆长度	2 m
ATEX规格	II 3/- G Ex h IIC T4 Gc X Internal Atm. only
NRTL 标准	是
通讯	Ethernet (RJ45): Modbus TCP / USB (Type A): Data transfer, software update, RS-232 (additional adapter required)

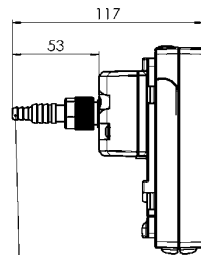
尺寸规格表



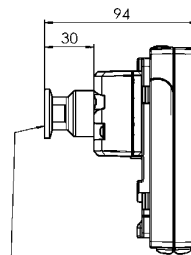
Anschluß Belüftungsventil DN 4-5
venting valve connection DN 4-5



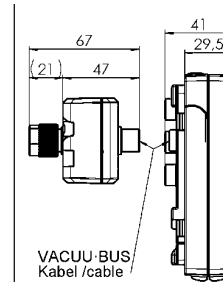
für PTFE Schlauch 8/10 /
for PTFE hose 8/10
Innenvolumen /
Internal volume: 3,5 cm³



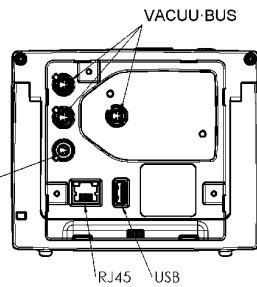
Schlauchwelle 6/10 /
hose nozzle 6/10
Innenvolumen /
Internal volume: 4,4 cm³



Kleinflansch DN 16 /
small flange DN 16
Innenvolumen /
Internal volume: 4,7 cm³



VACUU-BUS
Kabel / cable



Anschluß Netzteil / Pumpe
wall power supply connection / pump

- Gewicht Controller mit montierten Sensor /
weight controller with mounted sensor: 745g
- Gewicht Controller ohne Sensor /
weight controller without sensor: 590g
- Gewicht Steckernetzteil /
weight power supply: 250g

Alle Maße / all dimensions (mm)

Für Einbau, Einbausatz 636593,
bestehend aus drei Federclips plus
Schrauben 3x10, montieren.
For mounting, assemble installation kit
636593, consisting of 3 clips and 3
screws 3x10.

Aussparung für Fronteinbau
Cut-out for front assembly

Blechstärke [mm] wall thickness	Aussparung [mm] cut out
1	111,5x111,5
2	112,0x112,0
3	112,6x112,6

VACUUBRAND VACUU-SELECT m. Sensor
Version 2018/02/06

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VACUUBRAND®

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