VACUUBRAND®

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

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/20700000

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

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技术指标

测量范围 (mbar)	1080 - 0.1 mbar
测量范围 (torr)	810 - 0.1 torr
控制范围 (mbar)	1080 - 1 mbar
控制范围 (torr)	810 - 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

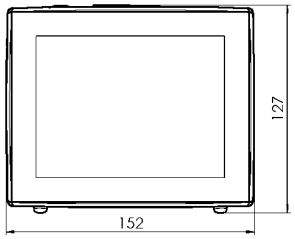
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通讯	Ethernet (RJ45): Modbus TCP / USB (Type A): Data transfer, software update, RS-232 (additional adapter required)

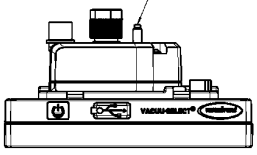
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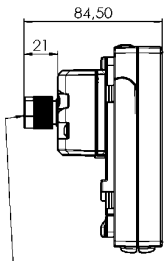
尺寸规格表





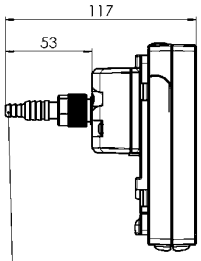
Anschluß Belüftungsventil DN 4-5
venting valve connection DN 4-5





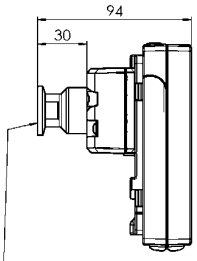
für PTFE Schlauch 8/10 /
for PTFE hose 8/10

Innenvolumen /
Internal volume: 3,5 cm^3



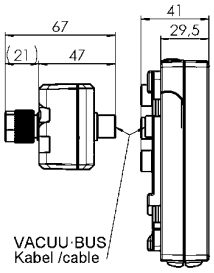
Schlauchwelle 6/10 /
hose nozzle 6/10

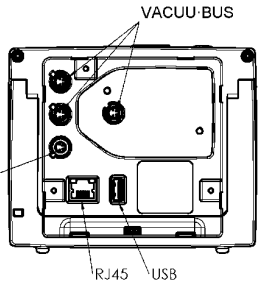
Innenvolumen /
Internal volume: 4,4 cm^3



Kleinflansch DN 16 /
small flange DN 16

Innenvolumen /
Internal volume: 4,7 cm^3





Anschluß Netzteil / Pumpe
wall power supply connection / pump

Für Einbau, Einbausatz 636593, bestehend aus drei Federclipse 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

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)

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

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VACUUBRAND

VACUUBRAND is part of the Brand group, a manufacturer of high-quality and innovative laboratory equipment and vacuum technology with a global team of approx. 1,000 employees.

With highly motivated and qualified employees, we manufacture the world's most comprehensive product family for vacuum generation, measurement and control for the rough and fine vacuum range in the laboratory.

All with one goal:
Enabling our customers to run reliable, safe and efficient processes. This is why we commit ourselves to continuous innovation, first-class performance, and outstanding quality.

Engineering excellence is central to our ability to deliver products and solutions renowned for their quality, durability, and reliability. Innovative technology, high quality materials and extensive testing deliver unmatched performance - engineered and manufactured in Germany.

Together with you, our experts will find the best solution for your application and provide you with first-class service along the way.

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