

IKA's small but excellent product group of vacuum pumps is perfectly suitable for many dry and oil-free applications in the laboratory. The devices stand out due to their high suction capacity and ease of service. Their membranes are particularly chemical resistant, as well. The diaphragm vacuum pumps are suitable for many vacuum tasks in the lab such as separation, filtration or degassing. They are even suitable to construct a laboratory vacuum system in which you can switch any number of vacuum controllers in series according to the application. In addition, they perfectly complement IKA's rotary evaporators or laboratory reactors.

VACSTAR DIGITAL AND CONTROL

/// Fully automatic vacuum with an emission condenser

Separation, filtration, removal: The VACSTAR dry 4-chamber membrane vacuum pump is powerful, resistant to chemicals and low-maintenance.

HIGH-PERFORMANCE SUCTION

VACSTAR has an excellent suction performance, with its 22 l/min at a minimum of 2 mbar.

INTEGRATED VACUUM CONTROLLER

with removable wireless controller (WiCO)

PROTECTS USER AND ENVIRONMENT

The VACSTAR control includes a downstream vacuum safety emission condenser (VSE1). This reliably protects laboratory employees and the environment from harmful exhaust air.



VACSTAR digital

Ident. No. 0020016432

VACSTAR control*

Ident. No. 0020019075

Automatic cleaning
function for increased
service life



*VSE 1 is included in delivery

TECHNICAL DATA	VACSTAR DIGITAL VACSTAR CONTROL
Pump rate max.	1.32 m ³ /h
Max. pumping capacity	22 l / min
Boiling point detection	No Yes
Solvent library	No Yes
Speed range	285 – 1200 rpm
Vacuum sensor	No Yes
Two-point control	Yes No
Min. input pressure	2 mbar
Max. input pressure	1030 mbar
Dimensions (W x H x D)	150 x 375 x 370 mm 270 x 435 x 500 mm
Protection class acc. to DIN EN 60529	IP 20
RS 232 / USB interface	Yes

Product	Ident. No.
ACCESSORIES VACSTAR DIGITAL AND CONTROL	
VSW 1 vacuum safety woulff bottle	0020015406
VSE 1 vacuum safety emission	0035001873
VH.SI.8 vacuum hose, silicone, Ø 8 mm, 1 m	0020013886



VSW 1



VSE 1

MVP 10 basic

Ident. No. 0003980000



TECHNICAL DATA

MVP 10 BASIC

Max. pumping capacity	28.3 l / min
Max. pump rate	1.7 m³ / h
Speed range	1380 – 1680 rpm
Vacuum sensor	No
Min. input pressure	7 mbar
Max. input pressure	1050 mbar
Dimensions (W x H x D)	245 x 155 x 320 mm
Protection class acc. to DIN EN 60529	IP 54
Voltage	230 / 115 / 100 V

Product	Ident. No.
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ACCESSORIES MVP 10 BASIC

VCV 1 vacuum control valve manual	0020004850
VCV 2 vacuum control valve digital	0020004893
VSS 1 vacuum safety set	0020005194
VH.SI.8 vacuum hose, silicone, Ø 8 mm, 1 m	0020013886



VCV 2



VSS 1



Product	Ident. No.
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ACCESSORIES VACUUM CONTROLLER

VC 10.300 check valve	0020011105
VC 10.400 table holder	0035001735



VC 10.300



VC 10.400



VC 10

Ident. No. 0020005132

Universal vacuum controller for a two-point calibration of multiple vacuum sources. It comes with a chemical resistant ceramic pressure sensor.



TECHNICAL DATA

VC 10

Vacuum sensor	Yes
Min. input pressure	1 mbar
Max. input pressure	1050 mbar
Boiling point detection	Yes
Solvent library	Yes
Two-point control	Yes
Manual operation	Yes
Programmable	Yes
Dimensions (W x H x D)	95 x 150 x 110 mm
Protection class acc. to DIN EN 60529	IP 20
RS 232 / USB interface	Yes
Voltage	100 – 240 V