

vacuubrand

Technology for Vacuum Systems

Fast and controlled evaporation at the touch of a button

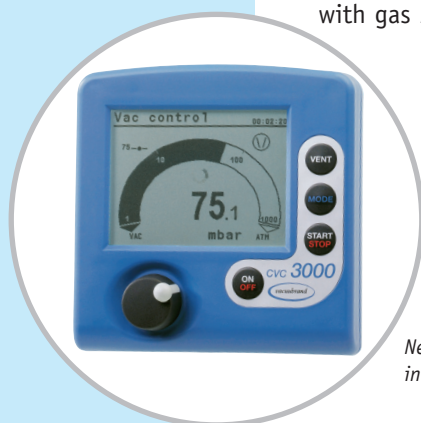
NEW
CONTROLLER
WITH INTUITIVE
OPERATION

Chemistry
Pumping unit
PC 3001 VARIO



More time saving than before through simplified operation

- **Intuitive Operation**
through clear text menus and easy to handle rotary jog wheel control
- **Over 30% shorter process times**
through continuous optimal high evaporation rates and speed control
- **Ideal for high boiling point solvents**
with ultimate vacuum down to 2 mbar (even with gas ballast 4 mbar)



- **Safe reproducibility**
for complex applications via user programmable process cycles
- **Chemistry design**
chemistry vacuum pump, wetted parts made of fluoroplastics. Ceramic pressure transducer

New vacuum controller with intuitive jog wheel operation



- **Automatic boiling point detection**
genuine fully automatic process control without user programming
- **Proven Reliability**
even in tough operating conditions (successor to the market leading PC 2001 VARIO)

TECHNICAL DATA

Diaphragm vacuum pump

Vacuum controller

Max. pumping speed (ISO 21360) 50/60 Hz m³/h

Ultimate vacuum (total) mbar

Ultimate vacuum with gas ballast mbar

Inlet connection (IN)

Outlet connection (EX)

Cooling water connection

Interface

Dimensions (L x W x H)

Mass ca. kg

PC 3001 VARIO

Chemistry diaphragm pump MD 1C VARIO-SP

CVC 3000

1.7

2

4

Hose nozzle DN 6/10 mm

Hose nozzle DN 10 mm

2 x hose nozzle DN 6-8 mm

RS232C

300 x 306 x 400

7.7

Items supplied: Pumping unit with chemistry diaphragm pump MD 1C VARIO-SP mounted on pump support, vacuum controller CVC 3000 with integrated, ceramic pressure transducer and air admittance valve, exhaust vapour condensor, inlet separator, on/off switch, cable with plug and instruction for use.

ORDERING INFORMATION

200-230 V ~ 50-60 Hz	CEE	696700
200-230 V ~ 50-60 Hz	CH	696701
200-230 V ~ 50-60 Hz	UK	696702
100-120 V ~ 50-60 Hz	US	696703

ACCESSORIES

Cooling water valve VKW-B, VACUU·BUS	674220
Extension cable VACUU·BUS, 2 m	612552
Y-adaptor VACUU·BUS	636656
External air admittance valve VB M-B, VACUU·BUS	674217
Liquid level detection sensor for round-bottom flask 500 ml	699908



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THE COMPANY:

With 160 employees and over 40 years of experience, VACUUBRAND manufactures the most comprehensive range of laboratory and instrumentation vacuum pumps, gauges and controllers for rough and fine vacuum.

The product range comprises rotary vane pumps, oil-free diaphragm pumps, complete pumping units, flexible vacuum systems and solutions for local area networks. The range is completed by a wide choice of fittings and accessories as well as vacuum gauges and controllers for rough and fine vacuum.

Our technical literature is only intended to inform our customers. The validity of general empirical values and results obtained under test conditions for specific applications depends upon a number of factors beyond our control. It is, therefore, strictly the users' responsibility to verify carefully the validity or suitability to their specific requirements. No claims arising from the information provided in this catalogue will consequently be entertained. Technical data are subject to change without notice.

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