

*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

- **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)



*New vacuum controller with intuitive jog wheel operation*

With 150 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.

Pictures may depict accessories which are not supplied as standard under the catalogue number printed.

## TECHNICAL DATA

		PC 3001 VARIO
Diaphragm pump		Chemistry diaphragm pump MD 1C VARIO-SP
Vacuum controller		CVC 3000
Max. pumping speed (ISO 21360) 50/60 Hz	m <sup>3</sup> /h	1,7
Ultimate vacuum (total)	mbar	2
Ultimate vacuum with gas ballast	mbar	4
Inlet connection (IN)		Hose nozzle DN 6/10
Outlet connection (EX)		Hose nozzle DN 10
Cooling water connection		2 x hose nozzle DN 6
Interface		RS232C
Dimensions (L x W x H)	mm	294 x 328 x 480
Mass ca.	kg	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 condenser, inlet separator, on/off switch, cable with plug and instruction for use.

## ORDERING INFORMATION

200-230 V ~ 50-60 Hz	plug CEE	69 67 00
200-230 V ~ 50-60 Hz	plug CH	69 67 01
200-230 V ~ 50-60 Hz	plug UK	69 67 02
100-120 V ~ 50-60 Hz	plug US	69 67 03

## ACCESSORIES

Cooling water valve VKW-B, VACUU · BUS	69 60 13
Cable extension VACUU · BUS, 2 m	61 25 52
Y-adapter VACUU · BUS	63 66 56



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