



Technology for Vacuum Systems

# Flexible approach to vacuum control

## Chemistry Pumping Unit PC 3001 basic

**UPGRADABLE  
TO FULLY  
AUTOMATIC**



...WITH  
VACUUM CONTROLLER  
CVC 3000



## PC 3001 basic



For all evaporation processes

# Entry level model with high end capabilities

- **For high boiling point solvents**  
2 mbar ultimate vacuum and still 4 mbar with gas ballast operation
- **Suitable for many vacuum applications**  
Providing fine adjustment manual control of the vacuum conditions



Module I

Module II

- **Easy Upgrading**  
With two upgrade modules for precise fully automatic vacuum control and efficient solvent recovery, delivering optimal results with any rotary evaporator. Adapts fully automatically to changes in solvent conditions, volume and bath temperature

### Module I

Vacuum controller CVC 3000 for fully automatic control plus inlet separator to prevent droplets and particles from entering the pump

### Module II

Exhaust vapour condenser for optimal solvent recovery

#### THE COMPANY:

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.

© VACUUBRAND GMBH + CO KG  
04/2008 - 994261

TECHNICAL DATA		PC 3001 BASIC
Vacuum pump		Chemistry diaphragm pump MD 1C VARIO-SP
Max. pumping speed 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 6/10mm
Outlet connection (EX)		hose nozzle DN 10mm
Dimensions (L x W x H)	mm	251 x 256 x 400
Weight approx.	kg	6.4

**Items supplied:** Pumping unit with chemistry diaphragm pump (with thermal protection), on/off switch, cable with plug and instructions for use

ORDERING INFORMATION		
200-230 V ~ 50-60 Hz	plug CEE	696720
200-230 V ~ 50-60 Hz	plug UK	696722
100-120 V ~ 50-60 Hz	plug US	696723

ACCESSORIES	
Module I : Inlet separator + CVC 3000	699921
Module II : Exhaust vapour condensor	699922



Technology for Vacuum Systems

VACUUBRAND GMBH + CO KG  
Alfred-Zippe-Str. 4  
97877 Wertheim · Germany  
Tel.: +49 9342 808-0  
Fax: +49 9342 808-450  
E-Mail: info@vacuubrand.de · Web: www.vacuubrand.de