Flexible approach to vacuum control

Chemistry Pumping Unit PC 3001 basic

UPGRADABLE TO FULLY AUTOMATIC

...with Vacuum controller CVC 3000
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

- 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

For all evaporation processes

TECHNICAL DATA  PC 3001 BASIC

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vacuum pump</td>
<td>Chemistry diaphragm pump MD 1C VARIO-SP</td>
</tr>
<tr>
<td>Max. pumping speed 50/60 Hz</td>
<td>m³/h 1.7</td>
</tr>
<tr>
<td>Ultimate vacuum (total)</td>
<td>mbar 2</td>
</tr>
<tr>
<td>Ultimate vacuum with gas ballast</td>
<td>mbar 4</td>
</tr>
<tr>
<td>Inlet connection (IN)</td>
<td>hose nozzle DN 6/10mm</td>
</tr>
<tr>
<td>Outlet connection (EX)</td>
<td>hose nozzle DN 10mm</td>
</tr>
<tr>
<td>Dimensions (L x W x H)</td>
<td>mm 251 x 256 x 400</td>
</tr>
<tr>
<td>Weight approx.</td>
<td>kg 6.4</td>
</tr>
</tbody>
</table>

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 condenser 699922

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 user's 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
Alfred-Zippe-Str. 4
97877 Wertheim · Germany
Tel.: +49 9342 808-0
Fax: +49 9342 808-650
E-Mail: info@vacuubrand.de · Web: www.vacuubrand.de