

CHEMISTRY PUMPING UNIT

PC 511 NT

■ Chemistry pumping units with two inlet ports with vacuum control

Chemistry pumping units of these series are well-proven for vacuum generation and control for many evaporation processes. The popular two-stage MZ 2C NT chemistry diaphragm pump is the heart of these pumping units, frequently used for medium-sized vacuum applications involving "common" solvents. The pumping units are equipped with a CVC 3000 vacuum controller with a solenoid valve for electronic vacuum control. The exhaust vapor condenser is outstandingly efficient and compact. It provides near-100-percent recovery of solvents, for economical recycling and environmental protection. The PC 511 NT is equipped with an additional manually controlled vacuum port. Check valves help to protect against cross-contamination and interference, permitting simultaneous operation of two vacuum applications with one pump.



PERFORMANCE FEATURES

- optimized vacuum even with gas ballast
- easily operated vacuum controller CVC 3000 with clear text menus, with integrated venting valve
- chemistry design flow control valve with large cross section for unrestricted performance
- PC 511 NT allows simultaneous operation of two independent vacuum applications, with reliable check valves to prevent interference between systems
- excellent environmental friendliness due to efficient solvent recovery



PC 511 NT
2.0 m³/h
7 mbar

TECHNICAL DATA same as MZ 2C NT, except

Vacuum controller		CVC 3000
Inlet connection		2 x hose nozzle DN 8-10 mm
Outlet connection		Hose nozzle DN 8-10 mm
Coolant connection		2 x hose nozzle DN 6-8 mm
Dimensions (L x W x H), approx.	mm	435 x 243 x 444
Weight, approx.	kg	16.9

ORDERING INFORMATION

230 V ~ 50-60 Hz	CEE	Ex*	733200
230 V ~ 50-60 Hz	CH, CN	Ex*	733201
230 V ~ 50-60 Hz	UK	Ex*	733202
100-115 V ~ 50-60 Hz / 120 V ~ 60 Hz	US		733203

Ex*: ATEX: II 3G IIC T3 X, Internal Atm. only

ACCESSORIES

- Coolant valve VKW-B (674220)
- Vent valve VBM-B (674217)
- Liquid level sensor (699908)
- Rubber vacuum tubing DN 8 mm (686001)

ITEMS SUPPLIED

Pumping unit completely mounted, ready for use, with manual.