

MPC 090 E

Filtration Dry Vacuum Pump

- > Compact, oil-free, ultra portable
- > Controllable filtration power
- > Vacuum display and adjustment for soft start



High Quality Chemical Duty Diaphragm Pump

Vacuum filtration is widely used as a sample preparation method in chemistry and analytical processes. MPC 090 E has been specifically designed for these applications using our well proven diaphragm technology which ensures ultra quiet operation and maintenance free operation. The standard equipment of a high accuracy regulator allows for soft start filtration, to prevent damage to the filter membrane, whilst allowing a powerful final vacuum level to be achieving for fast results. A built in catch pot prevents accidental ingestion of liquid into the pump.

Great for Vacuum Solvent Filtration/Degassing and Mobile Phase Filtration

While attractively priced, the new MPC 090 E incorporates powerful features designed to make filtration safe and simple, such as the regulators which permit instant control over the vacuum applied.

MPC 090 E

The Solution for Filtration in Chemistry Labs

Applications

- > Filtration of organic, corrosive or acids/bases liquids
- > Mobile Phase Filtration
- > Solid Phase Extraction (SPE)
- > Bottle-top Filtration
- > Solvent Degassing and Desiccation

Advantages

- > Analytically pure, oil free vacuum
- > Light weight, rugged design
- > All wetted parts are made of Ryton, Viton or Kalrez
- > Designed for continuously running
- > Use in the lab or in the field (with optional adapter)

Certification CE Marked

Accessories



Vacuum filtration & desiccation Kit with hydrophobic in-line filter and hose.
CAT. No. 404008



Auto adapter for 12-24V DC.
CAT. No. 825261



- 1** Manual Vacuum regulator with dial gauge and liquid trap
- 2** Requires minimal bench-top space due to compact design
- 3** Powerful corrosion resistant diaphragm vacuum pump build-in
- 4** Maintenance-free drive system and proven long diaphragm life
- 5** DC powered by 90 - 260V power adapter

TECHNICAL FEATURES/ORDERING INFORMATION

Model	Diaphragm Pump, Chemical Duty MPC 090 E 90...260V AC, 50/60 Hz
Pumping Speed	15 l/min
Ultimate Pressure	100 mbar
Tubing Needed	ID 6 mm
Dimensions WxDxH	144x198x244 mm
Weight	2.7 kg
CAT. No.	412021

APPLIED VACUUM TECHNOLOGY

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