

**NEW**



## MPC 090 E Filtration Dry Vacuum Pump

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



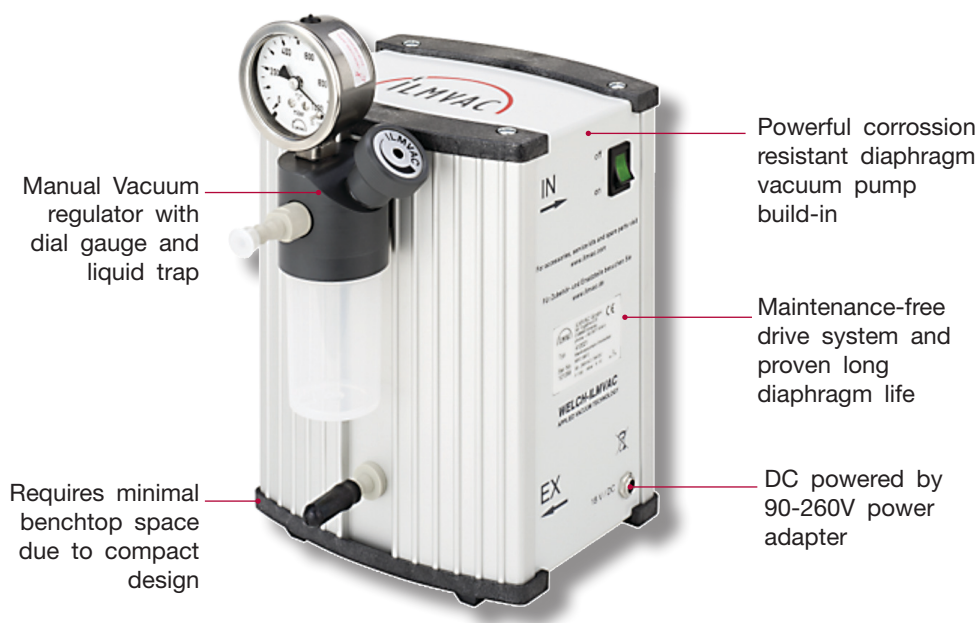
## The Solution for Filtration in Chemical and Life Science Labs

### High Quality Chemical Duty Diaphragm Pump

Vacuum filtration is widely used as a sample preparation method in life sciences, environmental monitoring, 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 long service life. 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, blotting and mobile Phase Filtration

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



Manual Vacuum regulator with dial gauge and liquid trap

Powerful corrosion resistant diaphragm vacuum pump build-in

Maintenance-free drive system and proven long diaphragm life

DC powered by 90-260V power adapter

Requires minimal benchtop space due to compact design

### Applications:

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

### Design Features:

- Analytically pure, oil free vacuum
- Light weight, rugged design
- Allwetted 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, UL/CSA approved



### Technical Features/Ordering Information

Model	Pumping Speed l/min	Ultimate Pressure mbar	Tubing Needed mm	Dimensions W/D/H mm	Weight kg	CAT. No.
Diaphragm Pump, Chemical Duty MPC 090 E 90....260VAC	15	100	ID 6	144x130x244	2.7	412021
Diaphragm Pump, Standard Duty MPC 065 E 90....260VAC	10	100	ID 6	144x130x196	2.3	411011

Scope of Delivery: AC/DC power adapter, plug lead Schuko, UK and US, gauge, control knob, liquid trap.

### Accessories



Vacuum Filtration Kit with hydrophob filter and hose  
CAT. No. 404008



Auto Adapter  
CAT. No. 829995