

MPC 301 E

Chemical Duty Diaphragm Pump

- **Quiet and Low Vibration**
- **Superior Chemical Resistance**
- **Long-Life Diaphragm Technology**

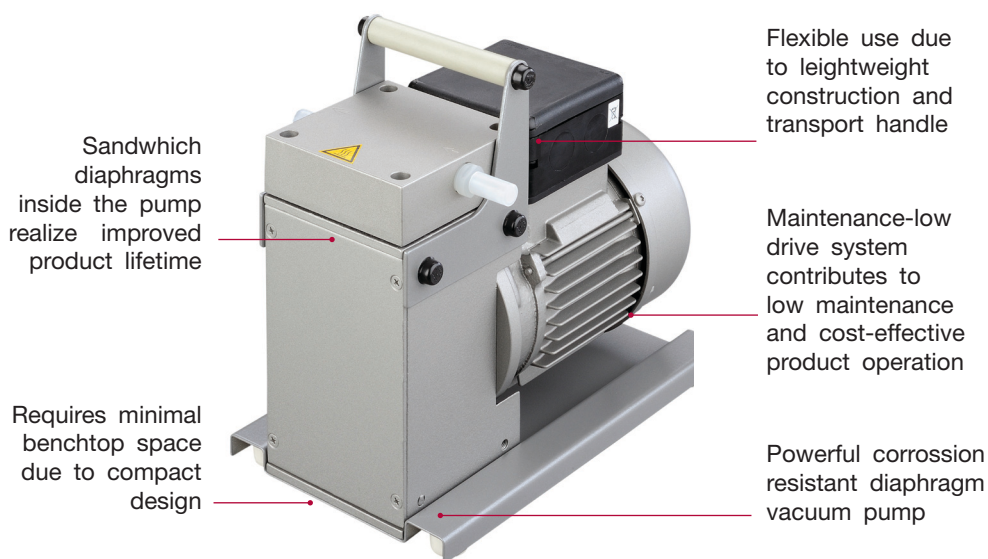
Chemical Duty Diaphragm Pump for Lab Applications

High Quality Chemical Duty Diaphragm Pump

The MPC 301 E is specially designed for typical oil-free laboratory routine applications including aggressive solvents and acidic vapours. Due to the light-weight design and the selection of special PTFE building parts for all spares that are in touch with aggressive solvents, these pumps fit the highest laboratory demands. With an excellent ultimate vacuum 75 mbar and a peak flow rate of 38 L/min, the MPC 301 E contributes with highest proficiency to your application.

Specifically for vacuum filtration

The chosen and superior diaphragm technology offers a double benefit to the user – outstanding long diaphragm life while the special selection of maintenance-free building parts ensure that the product lifetime has a great cost performance. Its easy handling as well as the extreme quiet running and the space saving due to the small benchtop design of the pump offers its user also to utilize it for vacuum filtration and desiccation.



Sandwich diaphragms inside the pump realize improved product lifetime

Requires minimal benchtop space due to compact design

Flexible use due to lightweight construction and transport handle

Maintenance-low drive system contributes to low maintenance and cost-effective product operation

Powerful corrosion resistant diaphragm vacuum pump

Applications:

- Vacuum Filtration
- Vacuum Desiccation
- Solvent Filtration
- Degassing
- Solid-Phase Extraction

Design Features:

- Chemical Resistance - alle wetted parts are made of resistant PTFE materials
- Light-weight design offers a reliable performance and flexible use of the pump
- Comfortable working environment due to space saving design and exhaust silencer
- Minimal operation vibration and low maintenance

Certification: CE Marked



Technical Features/Ordering Information :

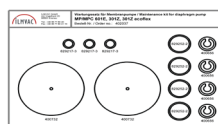
Model	Pumping Speed l/min	Ultimate Pressure mbar	Tubing Needed mm	Dimensions W/D/H mm	Weight kg	CAT. No.
Chemical Duty Diaphragm Pump MPC 301 E 230V, 50/60Hz	38	75	DN 8	260/162/252	8.9	412711

Scope of Delivery: Every pump is supplied with ON/OFF switch and internal protective thermal switch for the motor, carry handle and vibration isolating feet. Delivered with Schuko, UK plug leads, DN 8 hose nozzle, silencer and operation manual.

Accessories:



Manual Vacuum Gauge
CAT. No. 700458-01



Service Kit MPC 301 E
CAT. No. 402046



Filtration & Desiccator connection kit
CAT. No. 404008



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Use the above details to contact us if this literature doesn't answer all your questions.

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

