



## Welch MPC Chemical Duty Diaphragm Vacuum Pumps



Developed specifically to meet the requirement for oil-free vacuum generation. Their low weight and excellent ergonomics, make Welch diaphragm pumps the first choice for most laboratory applications. With a range of ultimate vacuum and peak flow rates, there is a specific model configuration to suit almost all applications. Our proven diaphragm technology offers a double benefit to the user - outstanding diaphragm life and market leading cost of ownership. MPC models use PTFE and other fluorinated plastics for the wetted parts to allow aggressive solvent and acid vapours to be pumped.

- Analytically pure, oil free vacuum
- User friendly
- Lightweight, rugged design
- Designed for continuous operation
- Maintenance-free drive system and proven long diaphragm life
- Minimal operation vibration
- Wide vacuum and flow range to match application

| Code    | Alt Ref   | Description | Delivery, L/min | Ultimate Vacuum, mbar | Connector | Price    |
|---------|-----------|-------------|-----------------|-----------------------|-----------|----------|
| PUM1014 | 412443-02 | MPC105T     | 20              | 2                     | 8         | £1610.00 |
| PUM1016 | 412743    | MPC601T     | 75              | 2                     | 16 KF / 8 | £3041.00 |
| PUM1018 | 412522    | MPC101Z     | 16.7            | 8                     | 8         | £1134.00 |
| PUM1028 | 412722    | MPC301Z     | 38              | 8                     | 16 KF / 8 | £1545.00 |
| PUM1032 | 412721    | MPC601E     | 63              | 75                    | 16 KF / 8 | £1514.00 |

### Accessories

| Code    | Alt Ref   | Description                      | For                     | Price   |
|---------|-----------|----------------------------------|-------------------------|---------|
| PUM1034 | 700459    | Vacuum regulator with dial gauge | MPC105T                 | £262.00 |
| PUM1036 | 700458    | Vacuum regulator with dial gauge | MPC301Z or 601E or 601T | £240.00 |
| PUM1038 | 700458-10 | Vacuum regulator with dial gauge | MPC101Z                 | £201.00 |

## Welch MPC 090 E Chemical Duty Diaphragm Pump



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 achieved for fast results. A built in catch pot prevents accidental ingestion of liquid into the pump.

- Chemical resistant
- Oil free
- Two heads, one stage
- Ultra quiet operation and long service life

| Code    | Alt Ref | Flow Rate, L/min | Ultimate Vacuum, mbar | Dims, w x d x h, mm | Weight, kg | Price   |
|---------|---------|------------------|-----------------------|---------------------|------------|---------|
| PUM9200 | 412021  | 15               | 100                   | 144 x 198 x 244     | 2.7        | £766.00 |