

PUMPS - DIAPHRAGM METERING

New SmallPumps™ Diaphragm Metering Pumps

Incorporate one of these small liquid pumps into your machine or analyzing instruments for low flow fluid sampling or circulation. Integration is simple with the small size and power requirements of these unique little pumps. Operate the pump with the manual or remote controls. The remote control options integrate easily with a PLC or computer operated systems.

Select from one of two models with different flow rates. Connect tubing to the appropriate inlet or outlet and provide a Vdc power supply to begin. Low power requirements and small size are ideal for small, benchtop applications. Pump wetted parts are acetal and neoprene. ABS housing. One year warranty.

Vary flow control knob or remote 0-5Vdc signal. Motors are rated for intermittent-duty. One year warranty.

SPECIAL FEATURES

Variable liquid flow up to 900 ml/min Manual or remote control Molded neoprene diaphragm Rugged plastic housing Suction lift up to 18 ft H₂O Low Cost

| Control Module Features | | V2 | V3 |
|------------------------------------|---|-----------|-----------|
| Manual flow control, on/off switch | • | • | • |
| Remote analog start/stop | | • | • |
| Remote flow control (0-5Vdc) | | | • |

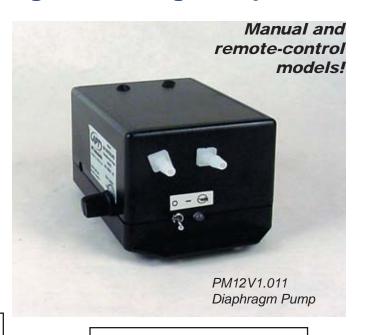
PM12VC ORDERING INFORMATION

| <u>Flow</u> | <u>Max</u> | <u>Pump</u> |
|---------------|-------------|-------------|
| <u>ml/min</u> | <u>PSIG</u> | Part No. |
| 200 - 510 | 8 | PM12VX.011 |
| 450 - 900 | 18 | PM12VX.012 |

Vac Power Supply

Convert these compact drives to VAC models with a compact power supply. 5.5 OD x 2.5mm ID (center +) connector. Add the suffix to the part no. to include the power supply.

- -U Power supply, 115Vac/12Vdc, 0.5mA; US Std plug.
- -E Power supply, 230Vac/12Vdc, 0.5mA; Europ. plug.



APPLICATIONS

Chemical metering
Fluid circulation
Analyzers
Battery-operated portable
samplers

SPECIFICATIONS

| 10110 |
|------------------------------------|
| See ordering table |
| 18 ft H ₂ O (400 mm Hg) |
| 5.3 mm (0.21") |
| acetal, neoprene |
| 12 Vdc, 500 mA |
| Perm Magnet (3000 hrs) |
| 0 to 40°C (32 to 104°F) |
| V2 - mini phone jack; |
| V3 - DB9 connector |
| 140 x 90 x 71 mm |
| 5.5" x 3.5" x 2.8" |
| 650 g (23 oz.) |
| 0.9 kg (2 lb) |
| |

For more information contact:

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