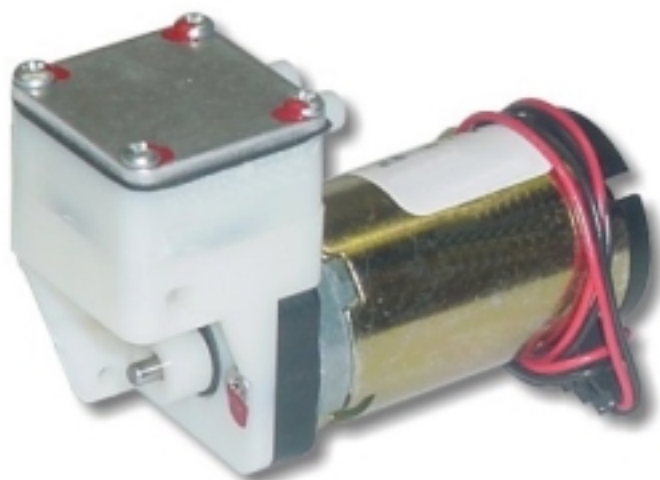


### New *SmallPumps*<sup>TM</sup> Diaphragm Metering Pump

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.

Select from one of four models with different input voltages and 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 portable, battery-operated applications.

Vary flow by varying the input voltage. Motors are rated for intermittent-duty. One year warranty.



PM12 Diaphragm  
Metering Pump

#### SPECIAL FEATURES

*Compact Size – 85 x 57 x 31 mm*  
*Variable liquid flow up to 900 ml/min*  
*Molded neoprene diaphragm*  
*Rugged plastic housing*  
*Suction lift up to 18 ft H<sub>2</sub>O*  
*6 or 12 Vdc motor*  
*Low Cost*

#### APPLICATIONS

*Chemical metering*  
*Fluid circulation*  
*Analyzers*  
*Battery– operated portable  
samplers*

#### SPECIFICATIONS

##### Flow rates: (nominal):

(PM12.001, 003) 510 ml/min  
(PM12.002, 004) 900 ml/min

##### Max. Pressure:

(PM12.001, 003) 0.54 bar (8 psig)  
(PM12.002, 004) 1.2 bar (18 psig)

##### Max. Suction:

(PM12.001, 003) 18 ft H<sub>2</sub>O (400 mm Hg)  
(PM12.001, 003) 18 ft H<sub>2</sub>O (400 mm Hg)

##### Port Size (OD):

5.3 mm (0.21")

##### Wetted Parts::

acetal, neoprene

##### Power Req:

(PM12.001, 002) 6 Vdc, 360 mA  
(PM12.003, 004) 12 Vdc, 250 mA

##### Operating Env.:

0 to 40°C (32 to 104°F)

##### Dimensions:

85 x 57 x 31 mm  
(L x W x H) 3.35" x 2.24" x 1.20"

##### Weight:

164 g (5.8 oz.)

##### Shpg Wt:

0.45 kg (1 lb)

APT logo—TM Advanced Product Technology, LLC

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#### PM12 ORDERING INFORMATION

**PM12.001** Pump, Liquid, 510 ml/min, 6 Vdc  
**PM12.002** Pump, Liquid, 900 ml/min, 6 Vdc  
**PM12.011** Pump, Liquid, 510 ml/min, 12 Vdc  
**PM12.012** Pump, Liquid, 900 ml/min, 12 Vdc

#### For more information contact:

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