

Personal Mini Pump

PERSONAL MINI PUMP MODEL:PMP-001

Model:PMP-001



Personal Mini Pump PMP-001

Features

- The PMP-001 is a lightweight, portable air sampling pump equipped with a constant flowrate functionality.
- It is especially for intake in the low flowrate range.
- It can also be used for personal exposure measurements.
- It can be used as a suction pump for a variety of detector tubes.



Personal Mini Pump PMP-001

Specifications

Code	080870-001
Model	PMP-001
Flowrate Setting Value	10 to 300 mL/min
Instantaneous Flowrate Display Value	0 to 350 mL/min
Constant Flowrate Operational Range	10mL/min: 0 to 10kPa* 50mL/min: 0 to 30kPa* 100mL/min: 0 to 30kPa 200mL/min: 0 to 20kPa 300mL/min: 0 to 10kPa
Flowrate Precision	±5 % or ±5 mL/min of the set flowrate, whichever is larger
Accumulated Flowrate Display Range	0.000 to 9999.9 L
Time Setting and Display Range	00:00:00 to 999:59:59 (HH:MM:SS) (HH:MM when setting the time)
Internal Flow Meter	Differential pressure type
Pump Type	Diaphragm
Primary Materials	Pump head: PC; Diaphragm: EPDM; Flow lines: ABS; Case: PC
Measurement Mode	Manual, countdown timer, volume timer, interval timer
Display	Organic EL indicator
Intake Port Diameter	O.D.: 6 and 8 mm (Tube used: I.D. of 5 and 7 mm)
Ambient Temperature and Humidity Range	0 to 40 ° C, 10 to 90 %RH (no condensation)
Power Supply	AA batteries, 2 pc., 5 V DC (microUSB)
Operating Time	When used with AA alkaline batteries, unloaded 10 mL/min: Over 10 hours 100 mL/min: Over 10 hours 300 mL/min: Over 10 hours
Dimensions	W63 × D29 × H115 mm
Weight	190 g (including batteries)
Accessories	Low flowrate orifice adapter

*Specifications when a special orifice adapter is connected

Optional Parts Sold Separately



Soft case for PMP-001



Tripod mounting hardware for PMP-001

Code	Product Name
080870-0011	Inlet for PMP-001
080870-0012	Tripod mounting hardware for PMP-001
080870-0013	Soft case for PMP-001
080870-0014	Filter Element VFE-015
080870-0015	Low flow rate orifice adapter

