

MINIPUMP MODEL: MP-W5P With NiMH Battery and Quick Charger Set



SIBATA MiniPump Model MP-W5P is a portable air sampling pump equipped with functions providing constant flow rate, measuring accumulated volume, and counting sampling time. MiniPump MP-W5P is easy to use and fully programmable. The MiniPump's wide flow range allows variety of use from occupational health environment to atmospheric air measurements. Its compact and light weight design is perfect for personal exposure measurement, and in conjunction with a tripod, it can also be set up for area sampling.

Features

- Wide flow range - 0.050L to 5.00L/min
- Integrated flowmeter and high-quality pump - stable and constant flow rate
- Easy programming - flow rate, volume, duration of time
- Easy-to-read real-time LCD display - flow rate, sampling time, sampling volume
- Compact and light - 450g
- Three choices of power supply - AC adapter, rechargeable battery, dry cell battery

SPECIFICATIONS

Item Code	090860-50602
Model	MP-W5P
Operable Flow Rate Range	0.050 to 5.00 L/min
Instantaneous Flow Rate Display	0.000 to 6.50 L/min
Operable Flow Rate and Back Pressure	0.05L/min: 0 to 7.0kPa 1.0L/min: 0 to 10.0kPa 0.1L/min: 0 to 10.0kPa 1.5L/min: 0 to 10.0kPa 0.5L/min: 0 to 10.0kPa 5.0L/min: 0 to 3.0kPa
Flow Rate Accuracy	5 mL or $\pm 5\%$ of the specified flow rate value (whichever is larger)
Total Flow Volume Setting Range (Volume Timer)	0.0 to 9999.9 L
Total Flow Volume Display	0.00 to 99999 L
Time Setting Range	0.00 to 999.59 (hours, minutes)
Built-in Flowmeter	Differential pressure type
Pump Type	Diaphragm
Materials	Pump head: PC and POM Diaphragm: EPDM Flow line: ABS Case: PC
Measurement Mode	Manual, Countdown timer, Volume timer
Display	LCD display (with backlight)
Air Intake Port Diameters	O.D.: 6mm and 8mm (Tube used: 5mm or 7mm in I.D)
Operational Environment (°C, %RH)	0°C to 40°C; 10 %RH to 90 %RH (no condensation)
Power Supply	AC adapter (100-240V, 50-60Hz V AC) NiMH rechargeable battery, six(6) AA batteries
Operating Time with NiMH battery, without a load	0.1 L/min: 24 hours 1.0 L/min: 18 hours or longer
Dimensions	W95xD56xH95mm (not including protruding parts)
Wight	0.45 kg (including NiMH rechargeable battery)
Accessories	NiMH rechargeable battery (model NI-W5), quick charger (model QCA-W5SE) with AC adapter (model UE18LCP), color caps (red, blue, yellow, one each)

OPTIONS

Item Code	Product Name
080860-5052	MP-W5P Battery Holder Model SN3-6B
080860-5055	MP-W5P Soft Case
080860-5057	Filter Element Model VFE-2, 5 pcs/set

- Specifications and appearance described in this document are based on information as of August 2022.
- The color of actual products may differ to that color in this data sheet. ● Before using MP-W5P, please read the operation manual.

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SIBATA
 SIBATA SCIENTIFIC TECHNOLOGY LTD.
 1-1-62, Nakane, Soka, Saitama, 340-0005
 Japan E-mail: overseas@sibata.co.jp
 TEL: +81-48-933-1582 FAX: +81-48-933-1591
<https://www.sibata.co.jp/en/>