

Economical type

PM 2.5 AIR QUALITY METER

Model : PM-1051

ISO-9001, CE, IEC1010

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The Art of Measurement

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FEATURE

- * Hight precision sensor
- * PM2.5 : 0 to 250 $\mu\text{g}/\text{m}^3$.
- * Data hold,Record(Max,Min)
- * Health index(0-9) detection and alarm .
- * Can replacement air filter .
- * Power by UM3/AA(1.5V) X 6 batteries or DC 9V adapter

GENERAL SPECIFICATION

Circuit	Custom one-chip of microprocessor LSI circuit.
Display	LCD Size: 2.18 X 2.87" (55.4 X 72.9 mm)(Dot Matrix) LCD with green backlight (ON/OFF).
Measurement	* PM2.5(Particulate matter)
Over-range	* LCD display show " OL "
Data Hold	Freeze the display reading.
Memory Recall	Maximum & Minimum value.
Sampling Time of Display	Approx. 1 second.
Data Output	RS 232/USB PC computer interface. * Connect the optional RS232 cable UPCB-02 will get the RS232 plug. * Connect the optional USB cable USB-01 will get the USB plug.
Power Supply	*DC 1.5 V (UM3, AA) x 6 PCs, or equivalent. *AC to DC 9 V power adapter
Power Current	DC 122 mA approximately. Backlight ON approximately DC 142 mA.
Operating Temperature	0 to 50 °C. (32 to 122 °F).
Operating Humidity	Less than 80% R.H.
Weight	354 g/0.78 LB.
Dimension	Meter 164 X 93 X 72 mm(6.5 X 3.7 X 2.8 inch)
Accessories Included	Instruction manual 1 PC AC to DC 9 V adapter(AP-9VA) 1 PC
Optional Accessories	Air filter net (AF-01) USB cable, USB-01. RS232 cable, UPCB-02. Data Acquisition software, SW-U801-WIN.

ELECTRICAL SPECIFICATIONS (23±5 °C)

PM2.5(Particulate matter)

PM2.5	Range	0 to 250 $\mu\text{g}/\text{m}^3$
	Resolution	1 $\mu\text{g}/\text{m}^3$
	Accuracy	±(10 % reading + 15 $\mu\text{g}/\text{m}^3$)

* Appearance and specifications listed in this brochure are subject to change without notice.

PM-1051+190808

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