

## Suspended Particulate Matter Meter



Portable BD5-SPM4210

## Suspended Particulate Matter Meter

for flue gas

Ref: p\_SPM4110-SMK

Version:2003-10-02



### Principles

SPM4110 employs Light transmission;.

### Function:

- 2\*16 LCD display
- 4\*5 Full key operation
- User calibration for 8 application supported
- Temperature compensation embedded

### Applications

- TSD measurement of Air quality
- Suspended particles in industrial process or emissions
- Flue or other exhaust gas;
- Oil soot in cooking
- Fog detect

### Specifications

**Resolution:** 0.01mg/m<sup>3</sup> ICPM(Standard deviation of geometry mean 0.3u, as to calibration samples)

**Range:** 0.01-100, 0-1000, 0-10000 mg/m<sup>3</sup>;

**Response:** 100ms

**Accuracy:** ±5% (relative to calibration samples)

**Display:** 16x2 LCD

**Keypad:** 4x5

**Serial port:** RS232/485

**Environ temperature:** -20-70°C

**Environ humidity:** 0-90%RH

**Supply:** Chargeable Battery

**Size:** Analyzer:98X150X30mm; Probe:D24x360 mm

**Net Weight:** 0.7kg

## Suspended Particulate Matter Meter

### Standard Application Suit

Model	Order Code	Range to scale	Main parts	Usage
pBD5-SPM4110 SMK	S01	0.1-100mg/M <sup>3</sup> 1-1000mg/M <sup>3</sup>	Handheld Analyzer:1 4110 Sensor:1 9Vcell:1 12V DC Charger:1. Portable Case:1	Suspended particles concentration in flue gas Temperature <200°C



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