



Handheld BD5-SPM4210FD-AIR

Suspended Particulate Counter

Ref: H_SPM4210FD-AIR
Version:2003-10-02



Principles

SPM4210 employs Light Scattering;
SPM4230 two scattering for color compensation;
SPM4220 is based on forward scattering and 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
- Suspended solids in liquids

Specifications

Resolution: 0.01mg/m³ ICPM(Standard deviation of geometry mean 0.3u, as to calibration samples)

Range: 0.01-10 mg/m³;

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

Standard Application Suit

Model	Order Code	Range to scale	Main parts	Usage
HBD5SPM4210FD	-A00	PM10: 0.01mg-10mg/M ³	Handheld Analyzer:1; 4220 Sensor:1; 9Vcell:1; 12V DC Charger:1. Portable Case:1	0.1-10um Total suspended materials in air



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