



Portable BD5-OPM4110-AUTO

Smoke Opacity Meter

Nigrometer for Automotive exhausts

Ref: p_OPM4110-AUTO

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
- Suspended solids in liquids

Specifications

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

Range: 0.01-100, 0-1000, 0-10000,0-100000 mg/m³; BD5: Auto scale

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
pBD5-OPM4110 AUTO	0PL430- 560nm	Opacity/Blackness Value: 0.1-100%; Rb 0-10.0 Green:0-12	Handheld Analyzer:1 4110 Sensor:1 9Vcell:1 12V DC Charger:1. Portable Case:1	Temperature <200°C

If any different wave length is required in accordance with Government Standard, it is possible to be ordered specially.



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