



TBD5-SPM4210 Flue Dust Transmitter
Suspended Particulate Matter Concentration Transmitter

For Flue Gas Emissions Monitoring

Ref:T_SPM4210-SMK_IntE

SPM4210 employs Light Scattering Technology.

Applications

Air, industrial and exhaust gas process
 oil soot, fog
 smoke dust,
 powder/particulate matter concentration test
 Suspended solids in gas



Specifications

Resolution: 0.1mg/m3 ICPM (Standard deviation of geometry mean 0.3u, as to calibration samples)
 Range: Auto scale from 0.01-100,1000,10000,100000mg/m3;
 Response: 100ms
 Accuracy: ±5% (relative to calibration samples)
 Display: 16x2 LCD
 Serial port: RS232/485
 Signal output: 0/4-20 mA
 Environmental temperature: 0-70°C
 Supply: DC-12-24V

Models and Price List:

For Flue Dust:

Model	Introductions	Installation Application
TR-BD5CMD	Range:1-200/2000 /5000mg/M ³ ;	One side smoke soot test
SPM4210LS90-DN50-SMK	Resolution: 1 mg/M3 Repeatability: +/-5.0%; Particles size:0.1-10um; Full human operation interface function; 2KS 2 points calibration; Sample temperature : <200°C Signal analog output: 0/4-20mA Communication : RS232/485 Auto refresh control unit: Pressed air resource:1-3kgf/cm ² (not included)	installation normally <200°C with air cooling;

Instrumental Accessories

Items		Introduction
Controller	pBD4	Remote display and setup.
Digitalizer	XM3.5	Remote display.
Power regulator	DC12	Power adapter from local standard 110/200 AC to 12 DC.
Extended Wiring	and	Attached to sample gun

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BIG DIPPER TECHNOCHEM INSTITUTE

Call: (86) 10-8264.0226;

Fax: (86)-10-8264.0221; 8264.0238;

P.o.Box: 603 BDTI Beijing, China 100190

<http://www.fullsense.com/>

email:suncns@yahoo.com