



TBD5-SPM4210/4110

Suspended Solids Concentration Monitor

Measurements of Suspended Solids in Air & Gas

Ref:T_SPM4210IntE



SPM4210 employs Light Scattering Turbidimetry, 4110 uses Light Attenuation Turbidimetry Technology.

Applications

Air, industrial and exhaust gas process, oil soot, fog, smoke dust, powder/particles
Suspended solids in liquids

Specifications

Resolution : 0.01mg/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: $\pm 5\%$ (relative to calibration samples)
Display: 16x2 LCD
Serial port: RS232/485
Signal output: 0/4–20 mA
Environmental temperature: 0-70
Supply: DC-12-24V

Models :

T001-SPM4210p	Introductions	Installation	Application
T001-SPM4210p	Integrated design, full human operation interface function; 2KS 2 points calibration; 0/4-20mASignal analog output; Sample pressure:< 7kgf/cm ² ; Sample temperature:<-10-60°C; Communication : RS232/485;	Pipe insertion transducer	Atmosphere and gas pipe line application
TAR-SPM4110	Full human operation interface function; 2KS 2 points calibration; Sample temperature : <400°C Signal analog output: 0/4-20mA Communication :RS232/485	transmitter and receiver across the flue installation	For high temperature or special chamber application, such as smoke soot test

CGA-BD5SPM4210	Auto refresh control unit Pressed air resource :1-3kgf/cm ² (not included) Support remote monitor pBD4	Full human operation interface function; 2KS 2 points calibration; Sampler pressure difference:0.07-0.7kgf/cm ² ; Pressure: <7 kgf/cm ² ; Sample temperature: -10-60°C; Signal analog output: 0/4-20mA; Communication;RS232/485; Auto air refresh control units; Air resource:1-3kgf/cm ² (not included) : Pump selective	Sampling system	Self maintenance cleaning accessories available
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