

High Sensitivity 20mA Dust Concentration Meter DC 24V For Smoke Monitoring

Our Product Introduction

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Basic Information

- Minimum Order Quantity: 1PC
- Price: USD+800-1000 PC
- Stock: 1PC
- Shipping Method: LCL, AIR, FCL, Express
- Payment Terms: T/T, Western Union, Paypal



Product Specification

- Model: WT-602
- Power Supply: DC 24V
- Output: 4-20mA
- Material: Aluminium Alloy ,Its Surface Oxidizes And Blackens
- Environmental Temperature: -40~70 Degree
- Power: Not Exceeding 3W
- Max. Smoke Temperature: 600 Degree, Higher Temperature Customized
- Display: LCD Screen
- Digital Interface: RS485/ 2-Way Relay
- Highlight: **20mA Dust Concentration Meter,
DC 24V Dust Concentration Meter,
DC 24V Dust Meter**



More Images



Product Description

High Sensitivity Environmental Monitoring Smoke Analyzer Dust Concentration Meter

Product Description

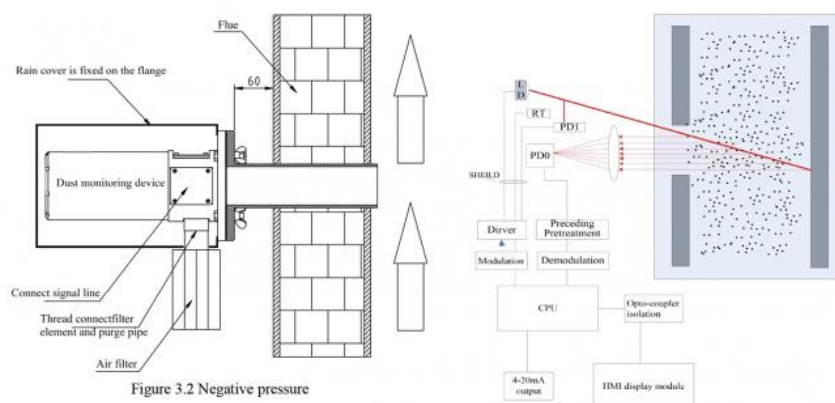
WT602 dust meter is an online dust analysis product independently developed and produced by the company. It adopts the mainstream laser backscatter measurement technology, and its key components are all imported. The product is used for continuous monitoring of particulate matter emission concentrations of various pollution sources. It can be used with a continuous flue gas monitoring system (CEMS), or it can be connected to a soot monitoring network individually or multiple units, sharing a set of data collection and processing background.

This product is widely used in thermal power generation, iron and steel metallurgy, petrochemical industry, cement production, ceramics, waste incineration, etc., various power generation boilers, industrial kilns, industrial boilers, smoke emission monitoring and flue gas desulfurization and dust removal project monitoring and control.



Features

- 1) Laser backward scattering principle can prevent the laser beam from swinging. Then the refractive index is uneven during the mechanical vibration at uneven temperature.
- 2) Single-Side installation without optical path alignment.
- 3) The on-site display can read the dust concentration in the field.
- 4) After the laser beam is modulated, the system can significantly improve its anti-interference ability.
- 5) The device design has been implementing the thinking of "no tool" on-site installation, to minimize the complexity of field installation.
- 6) (4-20)mA standard industrial current output makes the connection easy.
- 7) Device overall power consumption is very low at around 3w.
- 8) Generally, the standard setup parameters are applicable to the flue wall with a thickness less than 400mm and a diameter greater than the device stack label size. The measuring area can be customized as required specifically. Users may also adjust the area under the approval and guidance of the maintenance personnel.



Technical Specification

Note: has adopted a 128x64 graphic LCD for display. The LCD contrast display adjustment can be made through adjusting a

potentiometer on the front panel.

Parameters	WT602	WT602B
Principle	Laser backscatter	
Working wavelength	650nm	
Zero drift	±2%F.S./24h	±2%F.S./24h
Range drift	±2%F.S./24h	±2%F.S./24h
Indication error	±15%	±15%
Response time	≤ 10s	≤ 10s
Diameter of flue	(1-15)m	(0.7-20)m
Operating temperature	(-40 +65) °C	(-20 +50) °C
Flue temperature	200°C	500°C
Flue pressure	1Kpa	-
Signal output	(4-20) mA	(4-20) mA
Power supply	DC 24V ± 10%	DC 24V ± 10%



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