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PTM100 Dust Monitor



Parameter

Project	Performance Index
Principle	Light scattering method
Range (relative to PM10 particle size dust)	(0.001~10)mg/m³
Accuracy	0.001mg/m³
Indication error	±20%
Repeatability of indication	≤10%
Detectable particle size	PM1.0、PM2.5、PM5、PM10、TSP
Flow	2L/min
Sampling mode	Pump suction
Interface display	LCD
Power	12VDC power adapter, rechargeable battery pack(optional)
Storage temperature	-20℃~60℃
Storage humidity	≤85% RH
Dimensions Main body length width height	180 * 94 * 181mm
Weight	2kg
Alarm output	Sound alarm, switch output alarm (optional)
Data storage capacity	3600 sets

Zetron TH-3000-TVOC Monitoring Pretreatment System



TH-3000-TVOC Monitoring Pretreatment System

TH3000-TVOC main principle is: the sampling unit collects the flue gas or the measured gas at the site, the pre-processing unit filters the dust, high temperature cooling, electric heat insulation, double-stage high efficiency dehumidification, and keeps the temperature and humidity of the measured gas in a certain range, then the gas detection and analysis unit carries out detection and analysis, displays the measured gas concentration on the display in real time, and transmits the data signal outward to PLC or computer, etc. It can also be transmitted to the cloud server through wireless GPRS or network, and then the user can read the data from the server, which can realize global network monitoring and analysis. The whole process is automatic and does not require human intervention.

TH3000-TVOC can be used for various high temperature and high humidity or high dust occasions, with optional automatic back-blowing system, otherwise it needs manual maintenance and cleaning of dust filters. The whole sampling pipeline has electric heat insulation function, which is conducive to removing water vapor and preventing part of the gas from dissolving in condensate to improve the accuracy of detection and analysis, and the built-in double-stage high-efficiency condensing and dehumidifying system can control the dew point of the gas stably at 4°C or 5°C to meet the humidity control requirements of various principles of analytical instruments.

System components:

- Sampling unit
- Sample gas pretreatment unit
- Gas analysis unit]

Zetron TH2000 Air Pollution Gas Monitoring Equipment



Parameter

Working mode	fixed installation, online detection, diffusion measurement, pipeline type (M45X1.5 male thread), circulation type, pump suction type optional.
Installation method	pipeline type, wall-mounted type. The working pressure of pipeline type is $\pm 30\%$ of the atmospheric pressure, beyond the range need to reduce the pressure treatment.
Response time	$T_{90} \leq 20$ seconds (TVOC using light ion principle is less than 15 seconds)
Recovery time	≤ 30 seconds
Working environment	$-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$
Relative humidity	$\leq 10\text{-}95\%\text{RH}$ (conventional) non-condensing occasions
Operating voltage	12~30V (DC DC, the standard power supply of single device is 24V, 1A or DC switching power supply greater than 1A)
Size	60 * 60 * 1000
Explosion-proof form	Exd II CT6
Protection level	IP66

MIC600-P3 PM1.0&PM2.5&PM10 Fixed Laser Dust Detector



Parameter

Gas	PM1.0, PM2.5, PM10	Range	Other ranges can be customized
Size	210×170×85mm (L×H×W)	Weight	1.8 Kg
Installation method	Pipeline Type Wall Mounting Type	Display	2.5-inch high-definition color screen
Environment	Temperature: $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$ Humidity: $\leq 10 \sim 95\%\text{RH}$ (regular)	Approvals	IP66; Exd II CT6
Accessories	Manual, qualification certificate, warranty card, outer packaging box		
Optional items	Alarms;Wireless Transmission;Pretreatment System; SD Card;Temperature and Humidity Measurement;Accessory for connection with computer for monitoring.		

WS40 Wind Speed Sensor for Air Quality Station



Parameter

0-10m/s, 0-20m/s, 0-40m/s wind speed can be optional

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