

Dual-channel online dust monitoring system (β -ray method)



Product Description

The dual-channel dust online monitoring system (β -ray method) is an all-weather outdoor automatic monitoring terminal. It is widely used for measuring particulate matter concentrations in ambient air, and can select any two parameters from PM_{2.5}, PM₁₀ and TSP on demand, providing a powerful tool for the supervision and control of dust environments.

Product Features

1. Monitors any two parameters among PM2.5/PM10/TSP simultaneously, with high sensitivity, easy operation and cost reduction.
2. Modular design enables 365-day, 24-hour non-stop monitoring, featuring low failure rate, easy maintenance and scalability.
3. Intelligent design with fault alarm and self-diagnosis functions.
4. Multiple output and transmission modes (RS485 + GPRS) support connection to computers, switches and data acquisition systems for data retrieval; stores data for up to 1 year and allows data export.
5. Cloud platform support enables remote query of device status and real-time measurement data; historical data supports grouped statistics and curve analysis.
6. Lower price than two separate β -ray method devices, delivering high cost performance.
7. Fully certified with Pattern Approval Certificate for Measuring Instruments (CPA) and China Environmental Protection Product Certification (CCEP).
8. Quick on-site calibration (with universal equivalent mass calibration film); reliable, simplified mechanical structure and dynamic airflow system; supports mobile APP intelligent control.



Application Scenarios:

Ideal for self-built environmental monitoring systems at construction sites, factory boundaries, smart cities, landfills, factories, industrial parks, communities, industrial and mining enterprises, etc.