

Ambient air particulate matter (PM10) Continuous automatic monitoring system



Product Description

The equipment uses the principle of B-ray attenuation to measure the concentrations of PM10 or PM2.5 particles in the atmosphere. It is controlled by a microprocessor system to achieve automatic and continuous measurement.

Product Features

1. Long-term unmanned remote operation for up to 60 days between two on-site visits.
2. Automatic range calibration check.
3. Quick and easy on-site calibration using the universal equivalent quality calibration film.
4. The instrument can be installed on either a desktop or equipment rack and can be placed in either a mobile or fixed shelter.
5. Robust anodized aluminum process, galvanized spray coating process, and UV printed corrosion-resistant markings.
6. High precision, high reliability, and mechanized dynamic flow system.
7. Advanced intelligent heater technology that can precisely control the relative humidity of the sample.
8. Integrated data recording unit that can connect to multiple multi-parameter weather sensors.
9. Data retrieval can be performed using a direct PC connection or a digital data collection system via 4G, RS-232, or RS-485 serial ports.



Application Scenarios:

It is mainly applicable to professional fields such as environmental monitoring, environmental research, climate studies, and emission sampling.