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EM-5-CD Continuous Emission Monitoring System (Cold dry)

Product Overview

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EM-5-CD Continuous Emission Monitoring System is composed by dust monitoring subsystem, gaseous pollutant monitoring subsystem, flue gas parameter monitoring subsystem, and system control & data acquisition & processing subsystem. It can monitor SO₂, NO_x, O₂, dust, temperature, pressure, velocity, etc. Other parameters can be extended as required for special occasions,



cooling, and then enters into heat tracing gas analyzer module (DOAS TDLAS) for analysis and measurement. The system adopts dry measurement method to effectively solve the technical problem that large humidity variation will cause great fluctuation on measurement in occasions like waste incineration.

| Features

- Secondary condensation for fast water removal and cooling, decreasing contact time between gas and water and reducing SO₂ loss.
- Adopt mild heat tracing technology, less maintenance of measuring cell.
- Fast sampling via loop sampling pump, shorten response time.
- Multi-stage filtering of dust and water removal, high reliability.
- Realize full-course calibration.

| Application

Applied in exhaust emission monitoring and process control in coal-fired power plant, garbage power plant, cement plant, glass plant, lime factory, ceramics factory, sintering process, coke oven, desulfurization technology, denitration technology, etc.

NOX: 0~300~3000ppm, humidity: 0~40% .

Dust: 0~200mg/m³, 0~10g/m³.

Velocity: 0~40m/s (customizable).

Temperature: 0~300°C (customizable).

Pressure: -10kPa~10kPa (customizable).

Dimension: 800mmx600mmx1800mm.

Tracing temperature: 120°C~180°C.

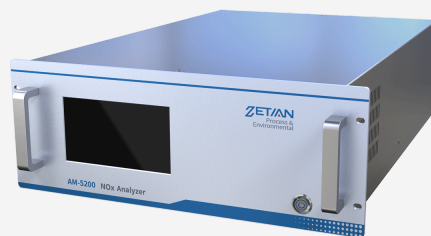
IP grade: cabinet IP42, others IP65.

Power supply: 220VAC, 4000W.

Working temperature: -10°C~40°C.

Working humidity: 0~95%RH (non-condensing).

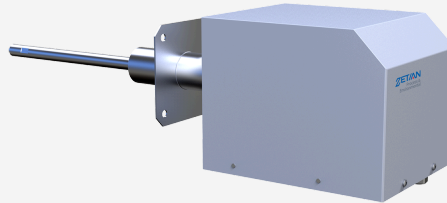
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GCOM-3000 VOCs Online Monitoring System

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