



PRODUCTS

🏠 > Products > EM-5-HW Continuous Emission Monitoring System (Hot-wet)

EM-5-HW Continuous Emission Monitoring System (Hot-wet)

Product Overview



Message

Email

EM-5-HW 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, such as HCl, HF, CO, CO₂, humidity, etc. Measured gas passes sampling probe for dust removal, tracing pipe for sampling, and then enters high-temperature gas analysis module (DOAS TDLAS) for analysis and measurement. The system effectively solves the technical problem that moisture absorbs SO₂ and causes low measuring result in Condensation Method, thus it has great advantage in low concentration measurement occasion.

Features

- Measure all indexes at high-temp state, avoid low measuring result caused by that SO₂ is absorbed by condensate water.
- Simple structure and high reliability.
- Self-developed core modules and algorithms.
- Compact structure, convenient for transport and installation.
- 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.

Specifications

SO₂: 0~300~3000ppm, O₂: 0~25%.

NO_X: 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: (220±15%)VAC, 5000W.

Working temperature: -20°C~50°C.

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

Compressed air: (0.4~0.8)MPa, 0.25m³/min, clean, oil-free & water-free.

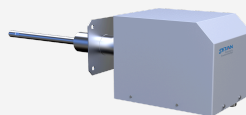
You May Also Like



AM-5200 NOx Analyzer



EQMS-200 VOCs Online Monitoring System



GSP-100 Sampling Probe (Conventional)

GCOM-3000 VOCs Online Monitoring System

[Products](#)

[News](#)

[Home](#)