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SCEM-5 Continuous Emission Monitoring System (Ultra-low Hot-wet)

Product Overview



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SCEM-5 Continuous Emission Monitoring System (Ultra-low Hot-wet) is developed for ultra-low emission monitoring in key area, 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. The lower limit can reach 1mg/m³, meeting technical requirements of ultra-low emission monitoring occasions.

Features

- Lower limit of measurement can reach 1mg/m³.
- 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, NO: 0~50~100ppm (lower range can be customized).

NO₂: 0~100~200ppm (lower range can be customized).

O₂: 0~25%, humidity: 0~40%.

Dust: 0~20mg/m³, 0~50mg/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.

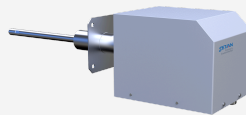
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