

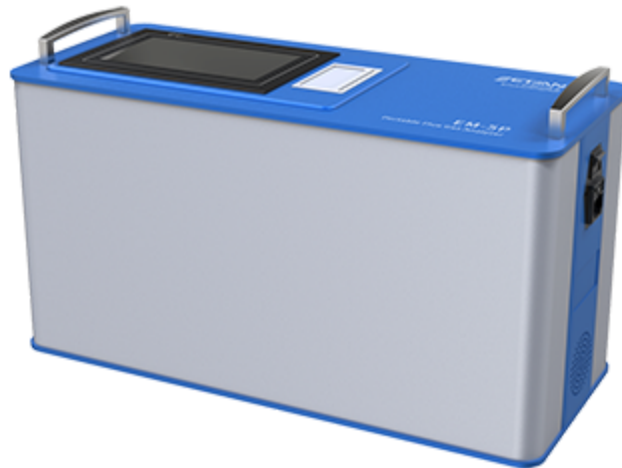


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EM-5P Portable Flue Gas Analyzer

Product Overview

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EM-5P Portable UV Flue Gas Analyzer is mainly composed by monitoring unit of gaseous pollutants (SO₂, NO_X, CO, CO₂), monitoring unit of flue gas parameters (e.g. oxygen content), data collection & processing unit. The structure consists of flue gas sampler, transmission pipeline, flue gas pre-processor and analyzer. The product is equipped with Android touch screen, large



- Adopt Stoichiometric Algorithm, low detection limit and small temperature drift.
- NOX content can be directly obtained by measuring NO and NO₂.
- without NO₂→NO converter.
- Full UV spectrum measurement, without cross interference.
- Electronic scanning of full spectrum, no optical moving parts.
- Low requirements for measured gas, able to applied in dust and high humidity working condition.

| 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

Analyzer model: normal temp type: condensation & water removal/.



Gas analyzers (SO₂), infrared/NDIR (CO), infrared/NDIR

TDLAS,(CO₂)

Range: 0~50~1500mg/m³ (SO₂, NO, NO₂), 0~25%
(O₂), 0~500~10000ppm (CO), 0~65% (CO₂)

Indication error: ≤2%F.S..

Zero drift: ≤2%F.S./24h.

Span drift: ≤2%F.S./24h.

Response time: ≤90s (T₉₀)

Preheating time: normal temp type:10 min/high temp
type: 40min

Power: 220VAC±22V, normal temp type: 50W/high
temp type: 350W

Working temperature: 5°C~45°C

Working humidity: 0 ~ 85%RH

Dimension: 498mmx182mmx236mm

Weight: 12kg

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AM-5100 SO2 Analyzer



AM-5900 Zero Gas Generator



AM-5800 Dynamic Calibrator



DMS-100 Dust Monitor (Back scattering)

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