

GRx300 Series Multi-component Gas Analyzer works according to non-dispersive infrared (NDIR) and paramagnetic oxygen principle, with our proven analytical technique to measure NO_x, SO₂, CO, CO₂, O₂, CH₄ and NH₃ concentration.

The analyzer uses multi-tasking software which allows complete control of all functions while providing online indication of important operating parameters. User-selectable ranges make it ideal for a wide variety of applications including CEM, stack testing, cement kiln inlet for clinker quality control, and process control.

Specifications

- Accuracy: ±2%FS
- Repeatability: ±0.5%FS
- Linearity: ±1%FS
- Zero Drift: ±1%FS/ week
- Range Drift: ±1%FS/week
- Response Time: 15s(90% FS)
- Flow: 0.5L /min ±0.2L /min
- Temperature: 5-45°C(Operation), -20~60°C (Idle)
- Pressure: 10kPa max (gas outlet connected to air)
- Dust: 10µg/Nm³ for ≤1µm
- Smog: None
- Moisture: 2°C below saturation, non-condensation
- Power Supply: 115/220VAC±10%, 50/60Hz, 2A



GRx300 Series Multi-component Gas Analyzer

HAMA GRx300 Features

- Simultaneous measurement for up to 5 components
- Hardly interfered by other gases
- Remote control and analog signal output function.
- LCD display
- 19" rack installation
- Stable and safe operation
- Drift: ±1% /Week (range above 0-200ppm)
- Rangeability: Maximum 1:25
- Alterable range setting
- Corrosion resistance, designed for severe environment
- 24-hour online continuous measurement of NO_x, SO₂, CO, CO₂, O₂, CH₄ and NH₃ concentration .
- Isolated 4-20mA signal can be output to PLC or DCS control, Limit alarm

