

Headline:

Continuous Emission Monitoring Systems (CEMS)

Sub-Headline:

Optimize Plant Performance, Meet Environmental Compliance, and Ensure a Healthier Tomorrow

Introduction:

Continuous Emission Monitoring Systems (CEMS) by HORIBA offer innovative solutions for real-time monitoring and management of pollutant emissions. Designed for a diverse range of industries—from power plants to waste incinerators—CEMS ensures compliance with environmental standards while optimizing operational efficiency.

With over 50 years of expertise and more than 100,000 systems installed worldwide, HORIBA leads the way in emission monitoring technology, helping businesses transition to a carbon-neutral society.

Key Benefits of HORIBA CEMS:

- **Regulatory Compliance:** Stay ahead of stringent environmental regulations with precise and reliable emission tracking.
 - **Process Optimization:** Improve plant efficiency by understanding emission patterns.
 - **Versatile Applications:** Adaptable to various industries such as power generation, waste management, and greenhouse gas research.
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Featured Products:**ENDA-5000: Stack Gas Analysis System****Specifications (Unique Features):**

- **Measurement Range:** Simultaneous measurement of up to 5 components (NOx, SO2, CO, CO2, O2).
- **Detection Principle:** Non-Dispersive Infrared (NDIR) with magneto-pneumatic detection.
- **Unique Capability:** Stable zero-point measurement with cross-flow modulated technology.
- **Applications:** Emissions monitoring for boilers, incinerators, and power plants.

[Learn More](#)

GI-700: Multi-Gas Analyzer

Specifications (Unique Features):

- **Measurement Range:** Simultaneous measurement of up to six gases, including NO_x, SO₂, CO, CO₂, O₂, and NH₃.
- **Detection Method:** Cross-modulated NDIR and NDUV.
- **Unique Capability:** Compact design with reduced power consumption by 50%.
- **Applications:** SCR control, desulfurization monitoring, and greenhouse gas analysis.
[Learn More](#)

PG-300: Portable Gas Analyzer

Specifications (Unique Features):

- **Measurement Components:** Up to 5 gases, including CH₄, N₂O, CO, CO₂, and O₂.
- **Measurement Principle:** Cross-Modulated Chemiluminescence Detection (CLD) and NDIR.
- **Unique Capability:** Lightweight and portable design with IP42 ingress protection option.
- **Applications:** Emission testing, catalyst performance evaluation, and process gas control.
[Learn More](#)

TX-100: Tunable Laser Gas Analyzer

Specifications (Unique Features):

- **Measurement Target:** HCl and H₂O in process gas.
- **Measurement Principle:** Non-Dispersive Infrared (NDIR) with probe-type design.
- **Unique Capability:** Single flange installation with in-situ laser calibration mechanism.
- **Applications:** Flue gas analysis, HCl removal control, and process gas monitoring.
[Learn More](#)

Why Choose HORIBA?

- **Proven Expertise:** Over five decades of pioneering innovation in emission monitoring.
- **Global Reach:** Trusted by industries worldwide with installations in over 100,000 locations.

- **Tailored Solutions:** Customized systems for unique plant requirements and industry standards.

Contact Us Section:

Transform Your Emission Monitoring with HORIBA CEMS

Contact us today to find the best-fit solution for your emission monitoring needs. Let's build a sustainable future together!