FLEXOTHERM

HIGH TEMPERATURE CEMS & HOT BOX SYSTEMS

Continuous Emissions Monitoring Systems (CEMS)

Our **CEMS Monitoring Enclosures, Heated Enclosures, and Hot Box Systems** are designed to protect critical emissions monitoring equipment in high-temperature, extreme-temperature, and demanding industrial environments. Our systems provide a controlled environment for **analyzers, sample-conditioning equipment, filters, valves, instrumentation, and other sensitive components**.

Custom heating solutions can include **high-temperature heating elements, RTDs, thermocouples, PID temperature controllers, insulation, and heated sample lines** to maintain the required operating temperature and help prevent condensation.

For hazardous-area applications, systems can be configured for **Class I, Division 1, Class I, Division 2 and ATEX requirements**, based on the specific application and certification requirements.

Hazardous Location Solutions

Class I, Division 1, Class I, Division 2 & ATEX Applications

For applications involving potentially hazardous gases, vapors, or combustible environments, we offer heating solutions configured for **Class I, Division 1, Class I, Division 2, and ATEX-rated applications**, where applicable to the specific design and certification requirements.

These systems can be engineered to provide controlled heating while meeting the demanding requirements of hazardous industrial environments.

Capabilities Include:

- High-temperature heated sample lines
- Extreme-temperature hot boxes
- Heated tubing and sample conditioning systems
- High-temperature heating cables and tapes
- Custom heating elements
- RTD and thermocouple temperature sensing
- PID temperature control
- High-temperature insulation
- Custom electrical assemblies

(Application-specific temperature protection)

Available Configurations:

- ATEX
- Class I, Division 1
- Class I, Division 2
- Hazardous-Area Hot Boxes
- Hazardous-Area Heated Sample Lines
- Custom Explosion-Protected Heating Solutions

Neptech Inc.
Manufacturer of FLEXOTHERM products
Web: www.neptechinc.com
Phone: 810-225-2222
2000 E. Highland Rd
Highland, MI - 48356