



INSTRUMENT AIR  
BLOW BACK/ISOLATION

PITOT TUBE HI

PITOT TUBE LOW

PROBE POWER (L1/L2)  
PROBE BB/ISOLATION

H.S.L. RTD x2

PROBE LOW TEMP S

PROBE RTD  
STACK RTD

# SmartCEMS<sup>®</sup> Sample Interface Panel

## Product Overview

The **SmartCEMS<sup>®</sup> Sample Interface Panel** is a component of a predictive emission monitoring system (PEMS) that provides for continuous stack gas sampling for pollutants and diluents under U.S. EPA 40 CFR Part 60 and/or U.S. EPA 40 CFR Part 75 regulations. The Sample Interface Panel will meet the requirements for sampling during model development and PEMS QA activity. The Sample Interface Panel is required to connect the probe and sample line to the Mobile CEMS.

The **SmartCEMS Mobile CEMS** can be used on most combustion sources with stack gas exhaust up to 500 °C and with special probe up to 1000 °C. The Mobile CEMS is typically connected to a probe, sample line, and sample interface panel so that stack testing can be done without climbing the stack. CMC offers a complete package with the Mobile CEMS and the ancillary equipment. The Sample Interface Panel is a Nema 4X or zone rated panel that can be mounted in any convenient location adjacent to an area that the Mobile CEMS can be parked. The only utility requirement for the Mobile CEMS is a power supply and the Sample Interface Panel requires no other utility connection.



## Product Features

### HARDWARE SPECIFICATIONS

- Stainless steel Nema 4X or zone rated panel
- Simple mounting and installation requirements
- Stainless steel quick connect fittings
- Industrial Amphenol fitting for electrical and control
- Front cover and covers for port connections

### HARDWARE OPTIONS

- Mounting kit