



SmartCEMS[®] Probe

CALIB. GAS INLET
& CHECK VALVE

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Product Overview

The **SmartCEMS[®] Probe** 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 Probe will meet the requirements for sampling during model development and PEMS QA activity. The Probe is required to connect the sample line and the Mobile CEMS to the stack sampling port for extraction of exhaust gas for analysis.

The SmartCEMS Probe 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 the probe either standard or high temperature. The Probe Panel is a Nema 4X or zone rated panel that can be mounted on the stack port (from 3-inch to 6-inch port). The probe requires no other utility connection other than that of the sample line.



Product Features

HARDWARE SPECIFICATIONS

- • Stainless steel Nema 4X or zone rated
- • Simple mounting and installation requirements
- • Stainless steel fittings
- • Sample line boot fitting at bottom

HARDWARE OPTIONS

- Mounting kit, bolts, and flange gasket