



- 18W/FT 240V (CF)
- ALUM STABILIZING
- ALUM MYLAR
- FIBERGLASS TAPE
- (9) 12 GA MESSE
- (8) 14 GA MESSE
- (4) 6mm X 1mm

SmartCEMS® Sample Line

Product Overview

The **SmartCEMS® Sample Line** 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 Line will meet the requirements for sampling during model development and PEMS QA activity. The Sample Line is required to connect the Probe to the Sample Interface Panel and the Mobile CEMS for transport of exhaust gas for analysis.

The SmartCEMS Sample Line can be used on most combustion sources with stack gas exhaust up to 1000 °C. The Mobile CEMS is typically connected to a Sample Line, sample line, and sample interface panel so that stack testing can be done without climbing the stack. CMC offers the Sample Line either in general purpose or zone rating. The Sample Line is typically around a 3 inch diameter bundle with hard black PVC outer material to protect and insulate the heated tubes in the core. The Sample Line requires a power connection through the Sample Interface Panel from the Mobile CEMS.



Product Features

HARDWARE SPECIFICATIONS

- Stainless steel core General Purpose or zone rated
- Simple mounting and installation requirements
- Teflon supporting tubes with insulation
- Heat trace and RTD sensor
- Power and control wiring

HARDWARE OPTIONS

- Mounting and termination kit
- Kellum's grip