

# POWER GENERATION



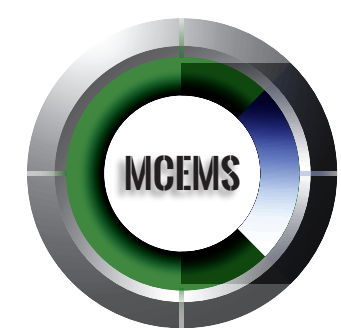
## 1. Probe

The SmartCEMS® Probe provides for continuous stack gas sampling for pollutants and diluters. It can be used on most combustion sources with stack gas exhaust up to 500 °C and with special probe up to 1000 °C.



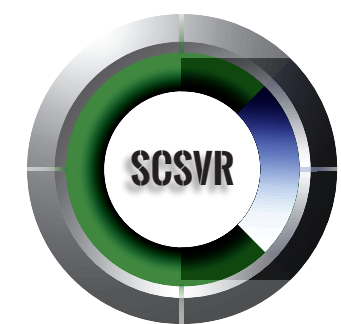
## 2. SmartCEMS-60 PEMS

A predictive emissions monitoring system (PEMS) is a sophisticated software based data acquisition system that is directly interfaced with the process control system and inputs from the combustion or pollution control process.



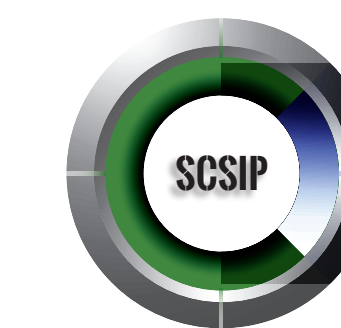
## 3. Mobile CEMS

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. It is typically connected to a probe, sample line, and sample interface panel so that stack testing can be done without climbing the stack.



## 4. Server

A workstation located inside the building, the SmartCEMS® Server package is a set of software tools and a platform to gather PEMS data from various sources and from remote connected hardware devices. The system gathers all compliance emission data and allows for generation of reports and compliance submittals from one location.



## 5. Sample Interface Panel

The SmartCEMS® Sample Interface Panel is a component of a PEMS that provides for continuous stack gas sampling for pollutants and diluters. It is required to connect the probe and sample line to the Mobile CEMS.



## 6. Continuous Parametric Monitoring System

The SmartCEMS® Continuous Parametric Monitoring System is a complete system that provides continuous data recording and report generation. It is an acceptable regulatory solution where continuous emissions monitoring systems (CEMS) for smaller source emissions compliance are not required.