



Reliable, Accurate & Repeatable

Continuous Emissions Monitoring

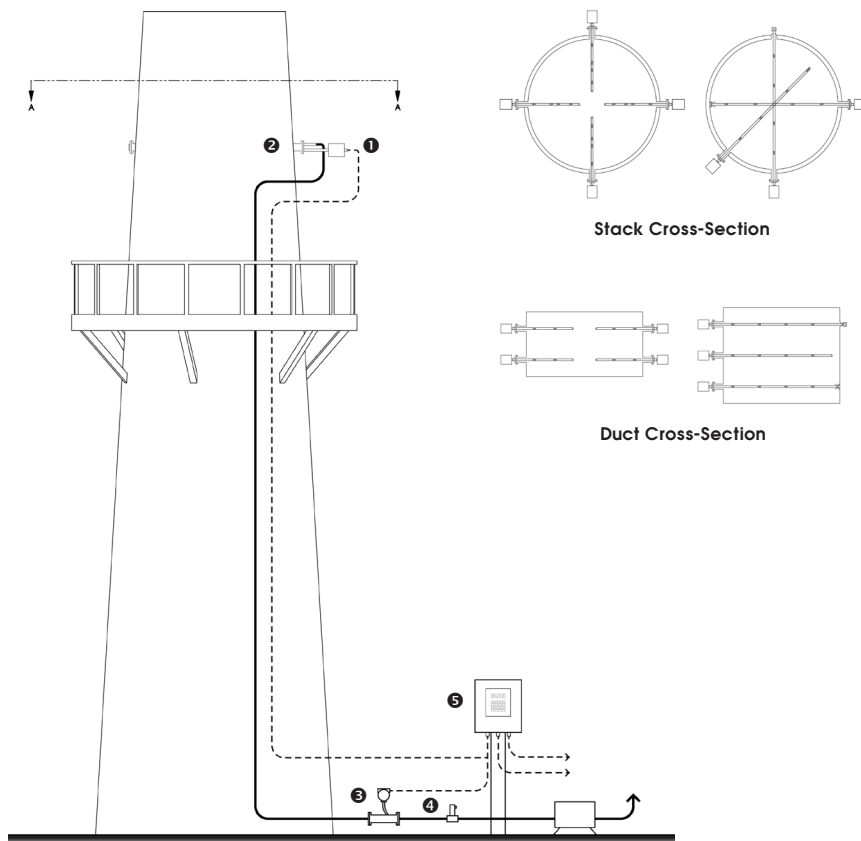


The Kurz Continuous Emissions Monitoring (CEM) system is a complete solution for sampling, analyzing, and recording emissions and flow data. The Kurz Emissions & Sampling System provides accurate sample collection for environmental, process, and nuclear applications. All emissions and flow data are reduced to one hour averages following established rules, eliminating under- or over-reporting gas or particulate constituents.

Kurz KBAR-2000B thermal mass flow meters comply with the EPA's CEM system under 40CFR60 and 40CFR75 and the European Union's Automated Measuring System (AMS) requirements under EN14181, QAL1 certification.

The Kurz Emissions & Sampling System includes:

- ❶ The KBAR-2000B multipoint insertion flow meter uses up to four sensors to calculate the mass, velocity, or temperature at each point across large ducts and stacks that have wide-ranging velocity and temperature profiles. Multiple sensors provide measurement redundancy to ensure accuracy. Its rugged design withstands high stress and high vibration found in industrial applications. The KBAR-2000B product line supports process temperatures ranging from -40°F to 260°F (standard) or from -40°F to 932°F (high heat) with a velocity range from 0 to 100,000 SFPM.
- ❷ The Series 220 Isokinetic Sampling System combines high accuracy mass flow measurement in the process with effective sampling nozzles, and fine control and measurement of the sampling rate.
- ❸ A Kurz 504FTB or 534FTB in-line flow meter
- ❹ The Kurz 730 Rotary Ramp Valve provides fine control of the sample flow
- ❺ The Series 155 Mass Flow Computer integrates the functions of temperature and flow measurement, closed loop flow control, flow totalization, alarms, input/output calibration, and data acquisition from up to 22 sensors.



Ideal for:

- Stacks & flares
- Emissions (CEM & AMS)
- Boilers & recovery boilers
- Primary, secondary & tertiary air
- High temperature air flows with nonuniform temperature and velocity profiles
- Incinerators
- Coal pulverizers