CleanAir®
INSTRUMENT RENTAL

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EMRC Flow Monitoring System

Rental and Application Notes:

- Designed for EPA Method 2 to determine the stack velocity and volumetric flow rate using a type S pitot tube.
- This system includes an in-situ sensor (type S pitot), signal conditioning module, differential transducer, thermocouple transmitter, zero and span pots, recorder outputs, and built in dynamic calibration module.
- This system includes the back-purge option, which allows for use in high particulate locations for extended periods of time.

Specifications:

- Power: 115V, 60 Hz.
- Outputs: 4-20mA & 1-5V.
- Response Time: ~1-2 to 100% of final reading.
- Accuracy: ~2% of full scale.
- Sensitivity: ~2 fps.
- Temperature Range: 0°F - 500°F.
- Temperature Limit Control Consol: 30°F to 120°F.
- Temperature Limit Probe: ~2,000°F (melting point of probe material).
- Transducer Range (standard): 0-2" H_2O .
- Linearity: ~$\pm$2% of full scale.
- Repeatability: <1%.
- Zero Drift: ~2% of full scale.
- Span Drift: ~2% of full scale.
- Probe Material: 3/8" diameter stainless steel tubing.
- Probe Length: 57".
- Flange Type: 3" 150 lbs.