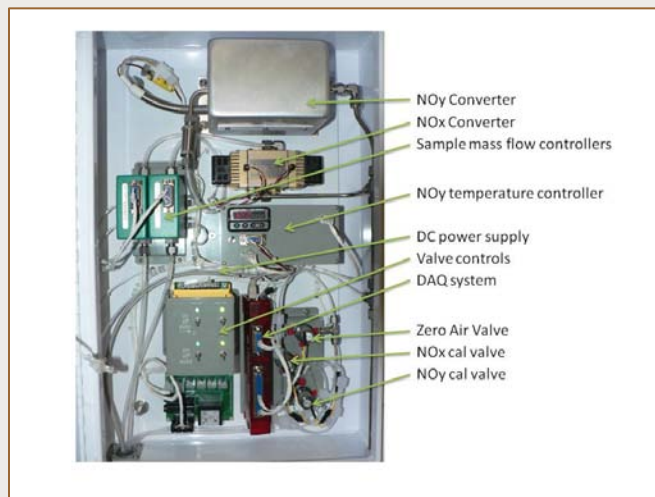


Specifications

- Separate converters for NO_x (photolytic) and NO_y (catalytic)
- Heat Exchanged weather-tight enclosure
- Sample Mass Flow Control
- Single or Dual Channel configuration
- Standard addition or Zero air displacement calibration facility (valves).
- Inlet Temp Range : -30 to 40 C
- Integrated Heat Exchanger maintains inlet at 6-10 C above ambient temperature
- Power consumption: 130 W, 120-240 VAC
- System weight: 12 kg
- Inlet size: 36mm (w) x 60 cm (h) x 20 cm (d)
- 10 m umbilical standard
- Ethernet communication

Description

Air Quality Design offers an inlet system for measurement of NO, NO_x (NO+NO₂), and NO_y (reactive nitrogen compounds). This system contains a photolytic converter for NO_x measurement and a catalytic converter for NO_y measurement. By locating these converters and flow controllers in the inlet sample losses are minimized. Standard addition or zero air displacement valves are integrated to allow calibration. The inlet is weather tight with a heat exchanger for temperature control. Control and data acquisition is via ethernet communication which can be integrated into a data system.



NO_x inlet system components housed in a weather-tight, heat-exchanged enclosure

NO_x inlet system with integrated heat exchanger

