

# MOD-1002 Mobile Emissions Monitor



The model MOD-1002 Mobile Emissions Monitor is easily transported system, designed to provide affordable state-of-the-art accuracy, stability and reliability. The system comprises an infra-red / paramagnetic analyzers and advanced sample conditioning assembly to produce accurate and reliable measurement of four components simultaneously: O<sub>2</sub>, CO, NO, CO<sub>2</sub>.

The system could be configured for measurement an additional gases by accommodation the infra-red and/or electrochemical SO<sub>2</sub>, H<sub>2</sub>S, NO<sub>2</sub> or C<sub>x</sub>H<sub>y</sub> sensors. Industry standard 4-20 mA outputs used to transfer results to the external recorder, PLC or computer.

Mobile design of Monitor makes it easy to use the same system at a wide variety of applications and industries:

- Stack gas analysis
- Air pollution monitoring
- Combustion emissions from commercial and industrial boilers
- Automotive emission testing
- Indoor and outdoor air quality monitoring and recording
- Landfill gas, flares and migration control

## SPECIFICATION

Ranges: 0-25% Oxygen

0-100 ppm / 0-1000 ppm CO

0-100 ppm / 0-1000 ppm NO

0-25% CO<sub>2</sub>

Accuracy (Intrinsic Error): < 1% of range

Linearity: < 1% of range

Response Time: 60 sec at 1000 mL/min

Analogue Outputs: 4-20 mA isolated with full adjustment

Serial Output: RS 232 single ASCII data logging

Power Supply: 85-132 VAC or 170-264 VAC (47-63 Hz)



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