

ecom-D Technical Specifications

MEASUREMENT	RANGE	ACCURACY	RESOLUTION	SENSOR LIFE*	SENSOR TYPE
Oxygen (O ₂)	0-21% vol	±0.2% vol	0.1% vol	4-5 Years	Electrochemical
Carbon Monoxide (CO)	0-10,000 ppm	±2% Measured* ₁	1 ppm	6-8 Years	Electrochemical
Carbon Monoxide (high)	0-63,000 ppm	±2% Measured* ₁	5 ppm	6-8 Years	Electrochemical
Nitric Oxide (NO)	0-5,000 ppm	±5% Measured* ₁	1 ppm	6-8 Years	Electrochemical
Nitric Oxide (low)	0-500 ppm	±5% Measured* ₁	0.1 ppm	6-8 Years	Electrochemical
Nitrogen Dioxide (NO ₂)	0-1,000 ppm	±5% Measured* ₁	1 ppm	6-8 Years	Electrochemical
Nitrogen Dioxide (low)	0-100 ppm	±5% Measured* ₁	0.1 ppm	6-8 Years	Electrochemical
Sulfur Dioxide (SO ₂)	0-5,000 ppm	±5% Measured* ₁	1 ppm	6-8 Years	Electrochemical
Combustibles (C _x H _y)	0-4.00% vol		0.01% vol	5 Years	Pellistor
Methane (CH ₄)	0-5% vol	±5% Measured* ₁	0.01% vol	5 Years	Infrared Sensor
Carbon Dioxide (CO ₂)	0-20% vol	±5% Measured* ₁	0.1% vol	5 Years	Infrared Sensor
Hydrogen Sulfide (H ₂ S)	0-1,000 ppm	±2% Measured* ₁	1 ppm	4 Years	Electrochemical
Draft / Pressure	±40" H ₂ O	±2% Measured* ₁	0.004" H ₂ O	10 Years	DMS
Gas Temperature	32-1832 F * ₂	±0.5% * ₂			
Ambient Temperature	40-122°F	± 1° F			
O ₂ Correction	0-20% Oxygen	Calculated			
Carbon Dioxide	0-CO ₂ max of fuel	Calculated			

*1 When calibrated prior to use per ECOM America, LTD. specifications

*2 Probe dependent

*3 May vary due to frequency of use and application

PHYSICAL

7.25" x 3.0" x 5.0"
 3.5 lbs weight
 Standard with 9 ft or 15 ft sample line & 1 ft probe



ELECTRICAL

Battery Life: 3-5 hours
 6V 3.3AH Li-ion
 Pump Flow rate of 0.8-1.0 lmp



OPERATING TEMPERATURE

Core temperature of the instrument is monitored continuously.
 Internal Temperature Compensation software assures accurate sensor response over the range of 20°F to 104°F

