

ecom-EN3 Series Technical Specifications

MEASUREMENT	RANGE	ACCURACY	RESOLUTION	SENSOR LIFE*	SENSOR TYPE
Oxygen (O2)	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 (NO2)	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 (SO2)	0-5,000 ppm	±5% Measured*1	1 ppm	6-8 Years	Electrochemical
Combustibles (CxHy)	0-4.00% vol		0.01% vol	5 Years	Pellistor
Methane (CH4)	0-5% vol	±5% Measured*1	0.01% vol	5 Years	Infrared Sensor
Carbon Dioxide (CO2)	0-20% vol	±5% Measured*1	0.1% vol	5 Years	Infrared Sensor
Hydrogen Sulfide (H2S)	0-1,000 ppm	±2% Measured*1	1 ppm	4 Years	Electrochemical
Draft / Pressure	±40" H2O	±2% Measured*1	0.004" H2O		
Gas Temperature	32-1832 F *2	±0.5% *2			
Ambient Temperature	40-122°F	± 1° F			
O2 Correction	0-20% Oxygen	Calculated			
Carbon Dioxide	0-CO2 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

16" x 11" x 8" (ecom-EN3-R) 16.5 lbs (EN3-R)
 22" x 15" x 7.5" (ecom-EN3-F) 18.75 lbs (EN3-F)



ELECTRICAL

8.4V Li-ion
 Pump Flow rate of 2.5 Imp



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

