

ecom-EN2F 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 Bench
Carbon Dioxide (CO2)	0-20% vol	±5% Measured*1	0.1% vol	5 Years	Infrared Bench
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	10 Years	DMS
Gas Temperature	32-1832 F *2	±0.5% *2			
Ambient Temperature	(-)4-250°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

Instrument: 17" W , 15" L, 6.5" H
 Probe: 12" Length x 3/8" OD Inconel with pistol grip handle
 Sample Line: 15" high-temp flex hose with thermocouple wire
 Weight: 19 lbs



ELECTRICAL

Battery Life: 3-5 hours
 6.4v 6 AH Li-ion
 Pump Flow rate of 1.8 -2.3 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

