

ecom-B 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)	0-4,000 ppm	±2% Measured*1	1 ppm	6-8 Years	Electrochemical
Nitric Oxide (NO)	0-5,000 ppm	±5% Measured*1	1 ppm	6-8 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

PHYSICAL

7.5" x 4.75" x 2.5" (ecom-B)
 7' sample line with 9" probe
 11.8" x 6.4" x 3.1" (ecom-B Plus)
 9' sample line with 1' probe
 2.5 to 3.6 lbs. weight



ELECTRICAL

Battery Life: 3-5 hours
 6V 3.3AH Li-ion



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

