

ecom-J2KNpro 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)	0-3.00% vol	±3% Measured*1	0.001% vol	5 Years	Infrared Bench*4
Carbon Dioxide (CO2)	0-20% vol	±5% Measured*1	0.1% vol	5 Years	Infrared Bench*4
Carbon Monoxide	1,000-63,000 ppm	±5% Measured*1	10 ppm	5 Years	Infrared Bench*4
Propane	0-2,000 ppm	±5% Measured*1	1 ppm	5 Years	Infrared Bench*4
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			
Smoke Scale	0-9				

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

*2 Probe dependent

*3 May vary due to frequency of use and application

*4 Only available in the Pro Industrial

PHYSICAL

Easy: (LxWxH): 17.5 x 9.75 x 12 in.
 Weight: Approx. 28lbs
 Complete with sampling system
Industrial: (LxWxH): 20 x 9.75 x12 in.
 Weight: Approx. 29lbs
 Complete with sampling system



ELECTRICAL

Battery Life: 4-6 hours
 6v 7.2 AH Li-ion (base)
 2V 2Ah(remote)
 Pump Flow rate of 2.0 + lpm2.0+ 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

