

Portable Emissions Analyzer



The Next Generation... J2KN PRO SERIES by **ecom**[®]

We've outdone ourselves (again).

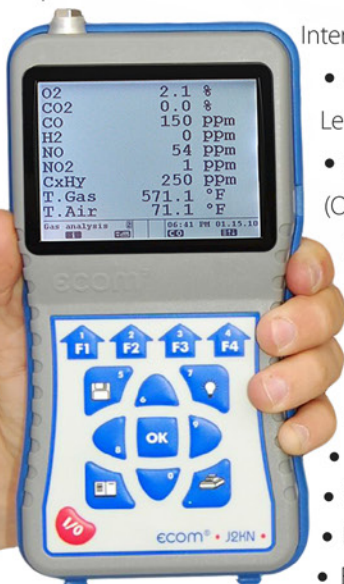
Available in two new models:
J2KN Pro *Easy* & J2KN Pro **INDUSTRIAL**

Pro *Easy* for standard testing, tuning & maintenance
Pro **INDUSTRIAL** for advanced features designed to meet all EPA and state testing requirements

Features

J2KN Pro *Easy*

- Up to 6 Electrochemical Sensors • Data Logging with Memory Card • USB Interface • Heated Sensor Block • Peltier Cooler
- CO Protection • Digital Flow Meter • Air Leak Detection • Stack Flow Velocity (Option)
- Backup Power Pack for Extended Battery Life (Option) • Heated Sample Line (Option) • DAS Compliance Testing Software (Option)



- J2KN Pro **INDUSTRIAL** includes all of the above PLUS
- IR bench for CO₂, CO, & Hydrocarbons (Option)
 - Dual Range CO Sensors • Bluetooth Link
 - External Antenna for Increased Wireless Range
 - Heated Sample Line Power Connection
 - Fresh Air Purge Switch

www.ecomusa.com
Rugged Reliable Accurate





J2KN PRO Technical Specifications

MEASUREMENT	RANGE	ACCURACY	RESOLUTION	SENSOR LIFE	SENSOR TYPE
Oxygen (O2)	0-21vol%	± 0.3 vol%	0.1 vol%	2 Years	Electrochemical
Carbon Monoxide (CO)	0-4,000 ppm	± 2% Measured*	1 ppm	3 Years	Electrochemical
Carbon Monoxide (high)	0-40,000 ppm	± 2% Measured*	5 ppm	3 Years	Electrochemical
Nitric Oxide (NO)	0-5,000 ppm	± 2% Measured*	1 ppm	3 Years	Electrochemical
Nitric Oxide (low)	0-500.0 ppm	± 2% Measured*	0.1 ppm	3 Years	Electrochemical
Nitrogen Dioxide	0-500 ppm	± 2% Measured*	1 ppm	3 Years	Electrochemical
Nitrogen Dioxide (low)	0-50.0 ppm	± 2% Measured*	0.1 ppm	3 Years	Electrochemical
Sulfur Dioxide (SO2)	0-5,000 ppm	± 2% Measured*	1 ppm	3 Years	Electrochemical
Combustibles (CxHy)	0-6.00 vol%	± 2% Measured*	0.01 vol%	5 Years	Pellistor
Gas Temperature	32-1832 F	± 2% Measured*	1 deg F	10 Years	NiCrNi
Ambient Temperature	0-250 F	± 2% Measured*	1 deg F	10 Years	Semi-conductor
Draft / Pressure	± 40" H2O	± 2% Measured*	0.1% H2O	10 Years	DMS
Carbon Dioxide	0-20%	± 5% Measured*	0.1 vol%	4 Years	Infrared
Carbon Monoxide	1000-63,000 ppm	± 5% Measured*	10 ppm	4 Years	Infrared
Propane	0-2000 ppm	± 5% Measured*	1 ppm	4 Years	Infrared
Methane	0-30,000 ppm	± 5% Measured*	10 ppm	4 Years	Infrared
O2 Correction	0-20% Oxygen	Calculated			
Carbon Dioxide	0-CO2 max of fuel	Calculated			
Efficiency (Eta)	0-99.9%	Calculated			
Excess Air (Lambda)	1-infinity	Calculated			
Smoke Scale	0-9				

*ACCURACY: When calibrated prior to use per ECOM America, Ltd. specifications.

Communication

Bluetooth Link
USB Connection

Dimensions

J2KN Pro **Easy**:
(L x W x H): 17.5 x 9.75 x 12 in.
Weight: approx. 28 lbs
complete with sampling system

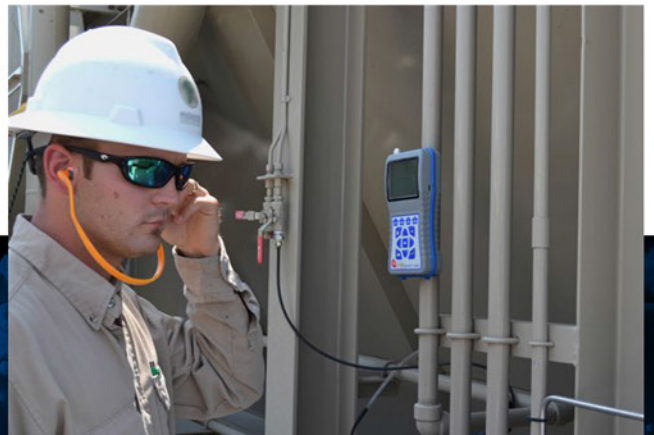
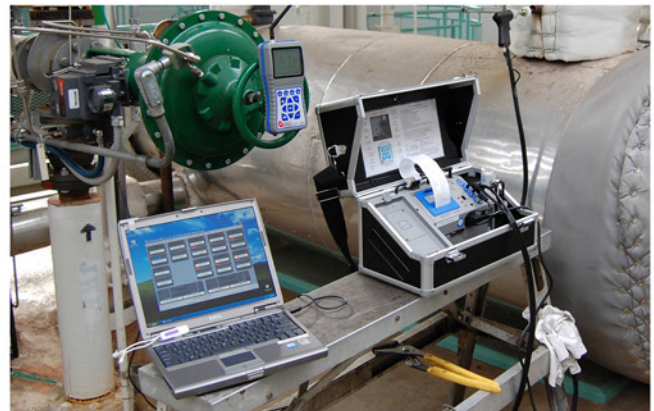
J2KN Pro **INDUSTRIAL**:
(L x W x H): 20 x 9.75 x 12 in.
Weight: approx. 29 lbs
complete with sampling system

Electrical

4-6 Hour Battery Life
6v 7.2Ah lead-acid (base)
3AA Ni-MH 1.2V 2Ah (remote)
Pump Flow rate of 2.0 + lpm

Display

Backlit, adjustable contrast & zoom, displays all parameters simultaneously.



Contact

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"You can't go wrong with an ECOM!"