

RUGGED RELIABLE ACCURATE LIGHTWEIGHT



## ECOM-J2KN<sup>pro</sup> SERIES

## THE NEXT GENERATION

The J2KN<sup>pro</sup> Series represents the ultimate work horse for industrial gas analysis. It's performance and accuracy is unsurpassed in the field of portable emissions and combustion analysis.

Offers wireless connectivity, multiple reporting tools, and can be used for CTM-030 & CTM-034, ASTM D6522, ZZZZ, JJJJ, SQAQMD 1110.2, SCAQMD 1146.1, MSAPR testing.



ecom-J2KN<sup>pro</sup> Easy

## CHOOSE THE MODEL THAT BEST FITS YOUR NEEDS

### ECOM-J2KN<sup>pro</sup> STANDARD FEATURES

- UP TO SIX (6) SENSORS
- DATA LOGGING WITH MEMORY CARD
- USB INTERFACE
- HEATED SENSOR BLOCK
- INDUSTRIAL PELTIER COOLER & PUMP
- CO OVER RANGE PROTECTION
- DIGITAL FLOW METER
- AIR LEAK DETECTION

### ECOM-J2KN<sup>pro</sup> OPTIONAL FEATURES

- UP TO THREE (3) NDIR SENSORS (CO<sub>2</sub>, CO, & HYDROCARBON)
- DUAL RANGE CO SENSORS
- BLUETOOTH OR WI-FI
- EXTERNAL ANTENNA FOR INCREASED WIRELESS RANGE
- HEATED SAMPLE LINE POWER CONNECTION
- FRESH AIR PURGE
- DAS AND REPORTING SOFTWARE
- STACK FLOW VELOCITY

J2KN<sup>pro</sup> **EASY** for standard testing, tuning & maintenance

J2KN<sup>pro</sup> **EXPERT** for advanced features and cycle testing.

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## USE YOUR J2KN WITH REMOTE MOBILE APP

Use the ECOM Remote Mobile App to make viewing & storing your testing results easy! Save data, export data to PDF or CSV and print the results to your analyzer.



### J2KN<sup>pro</sup> SERIES TECHNICAL SPECIFICATIONS

Measurements	Range	Accuracy	Resolution	Sensor life	Sensor type
Oxygen (O <sub>2</sub> )	0-21% vol	± 0.2% vol	0.1% vol	4-5 Years	Electrochemical
Carbon Monoxide (CO)	0-10,000 ppm	± 2% Measured*	1.0 ppm	6-8 Years	Electrochemical
Carbon Monoxide (high)	0-63,000 ppm	± 2% Measured*	5.0 ppm	6-8 Years	Electrochemical
Nitric Oxide (NO)	0-5000 ppm	± 5% Measured*	1.0 ppm	6-8 Years	Electrochemical
Nitric Oxide (low)	0-500 ppm	± 5% Measured*	0.1 ppm	6-8 Years	Electrochemical
Nitrogen Dioxide (NO <sub>2</sub> )	0-1000 ppm	± 5% Measured*	1.0 ppm	6-8 Years	Electrochemical
Nitrogen Dioxide (low)	0-100 ppm	± 5% Measured*	0.1 ppm	6-8 Years	Electrochemical
Sulfur Dioxide (SO <sub>2</sub> )	0-5000 ppm	± 5% Measured*	1.0 ppm	6-8 Years	Electrochemical
Combustibles (C <sub>x</sub> H <sub>y</sub> )	0-4.00% vol		0.01% vol	5 Years	Pellistor
Methane (CH <sub>4</sub> )	0-3.00% vol	± 3% Measured*	0.001% vol	5 Years	Infrared bench
Carbon Dioxide (CO <sub>2</sub> )	0-20%	± 5% Measured*	0.1% vol	5 Years	Infrared bench
Carbon Monoxide (CO)	1000-63,000 ppm	± 5% Measured*	10 ppm	5 Years	Infrared bench
Propane	0-2000 ppm	± 5% Measured*	1.0 ppm	5 Years	Infrared bench
Hydrogen Sulfide (H <sub>2</sub> S)	0-1000 ppm	± 5% Measured*	1.0 ppm	4 Years	Electrochemical
Draft / Pressure	±40" H <sub>2</sub> O	± 2% Measured*	0.004" H <sub>2</sub> O	10 Years	DMS
Gas Temperature	32-1832° F**	± 0.5%			
Ambient Temperature	40-122° F	± 1° F			
O <sub>2</sub> Correction	0-20% O <sub>2</sub>	Calculated			
Carbon dioxide	0-CO <sub>2</sub> max of fuel	Calculated			
Smoke Scale	0-9				

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

\*\* Probe dependent (Standard: 32° F-932° F & High Temp: 32° F- 2000° F)

\*\*\* Sensor life will vary due to frequency of use and application



Search for "ECOM remote display" in Apple Store or in Android Google Play Store.



### DISPLAY

Backlit, adjustable contrast & zoom, displays all parameters simultaneously

### ELECTRICAL

Battery life: 4-6 hours, 6V  
7.2Ah Li-ion (base)  
2V 2Ah (remote)

### DIMENSIONS

**J2KN<sup>pro</sup> Easy:**  
17.5 X 9.75 X 12 in  
28 lbs weight

**J2KN<sup>pro</sup> Expert:**  
17.5 X 9.75 X 12 in  
29 lbs weight

### CONTACT US

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**You can't go wrong  
with an ECOM Pro!**