

# ecom<sup>®</sup> J2KNPRO SERIES



## Portable Emissions Analyzers

Use the ECOM Remote Mobile App to:  
 Save data • Export data to PDF or CSV  
 • Print results to analyzer

## Measures

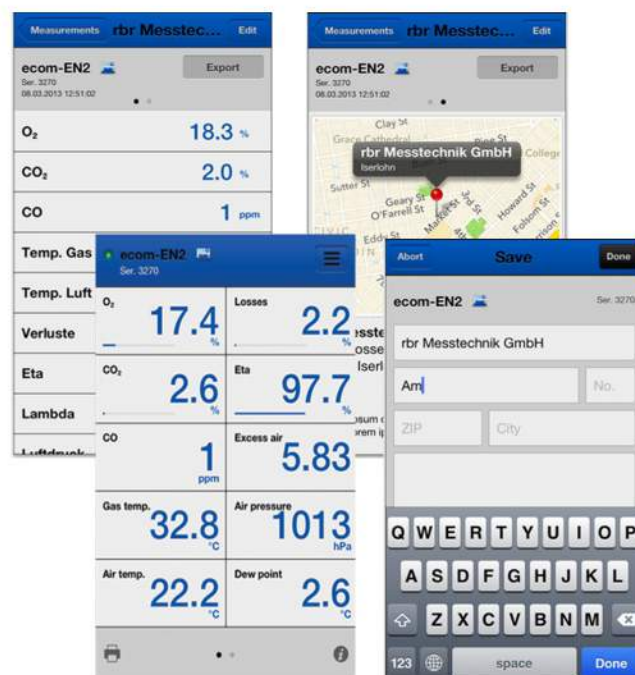
O<sub>2</sub>, CO, NO, NO<sub>2</sub>, NO<sub>x</sub>, SO<sub>2</sub>, H<sub>2</sub>S, C<sub>x</sub>H<sub>y</sub>, CO<sub>2</sub> (NDIR), Draft, Pressure, Flue Gas temp, & Ambient Air Temp

## Calculates

O<sub>2</sub> Correction, CO<sub>2</sub>, gr/bhp-hr, tons/yr, mmBtu/hr, lbs/hr Efficiency, Losses, & Exces air

## Includes

Analyzer w/WiFi, Handheld Remote Control, 15 ft Sample Line, 1 ft Probe w/Pistol Grip, Peltier Cooler, Particulate Filters, In-line Smoke Filters, FREE Mobile App



[www.ecomusa.com](http://www.ecomusa.com)

**Rugged Reliable Accurate**

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



## ecom-J2KNpro Series Technical Specifications

MEASUREMENT	RANGE	ACCURACY	RESOLUTION	SENSOR LIFE* <sup>3</sup>	SENSORTYPE
Oxygen (O2)	0-21% vol	± 0.2% vol	0.1% vol	4-5 Years	Electrochemical
Carbon Monoxide (CO)	0-10,000 ppm	± 2% Measured* <sup>1</sup>	1 ppm	6-8 Years	Electrochemical
Carbon Monoxide (high)	0-63,000 ppm	± 2% Measured* <sup>1</sup>	5 ppm	6-8 Years	Electrochemical
Nitric Oxide (NO)	0-5,000 ppm	± 5% Measured* <sup>1</sup>	1 ppm	6-8 Years	Electrochemical
Nitric Oxide (low)	0-500 ppm	± 5% Measured* <sup>1</sup>	0.1 ppm	6-8 Years	Electrochemical
Nitrogen Dioxide (NO2)	0-1,000 ppm	± 5% Measured* <sup>1</sup>	1 ppm	6-8 Years	Electrochemical
Nitrogen Dioxide (low)	0-100 ppm	± 5% Measured* <sup>1</sup>	0.1 ppm	6-8 Years	Electrochemical
Sulfur Dioxide (SO2)	0-5,000 ppm	± 5% Measured* <sup>1</sup>	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* <sup>1</sup>	0.001% vol	5 Years	Infrared bench
Carbon Dioxide (CO2)	0-20% vol	± 5% Measured* <sup>1</sup>	0.1% vol	5 Years	Infrared bench
Carbon Monoxide	1,000-63,000 ppm	± 5% Measured* <sup>1</sup>	10 ppm	5 Years	Infrared bench
Propane	0-2,000 ppm	± 5% Measured* <sup>1</sup>	1 ppm	5 Years	Infrared bench
Hydrogen Sulfide (H2S)	0-1,000 ppm	± 2% Measured* <sup>1</sup>	1 ppm	4 Years	Electrochemical
Draft / Pressure	± 40" H2O	± 2% Measured* <sup>1</sup>	0.004" H2O	10 Years	DMS
Gas Temperature	32-1832 F* <sup>2</sup>	± 0.5%* <sup>2</sup>			
Ambient Temperature	-4-250 F°	± 1° F			
O2 Correction	0-20% Oxygen	Calculated			
Carbon Dioxide	0-CO2 max of fuel	Calculated			
Smoke Scale	0-9				

\*<sup>1</sup> When calibrated prior to use per ECOM America, Ltd. specifications

\*<sup>2</sup> Probe dependent

\*<sup>3</sup> May vary due to frequency of use and application

### Communication

- Bluetooth Link
- USB Connection
- WiFi

### Dimensions

ecom-J2KNpro *Easy*  
 (L x W x H): 17.5 x 9.75 x 12 in.  
 Weight: approx. 28 lbs.  
 complete with sampling system

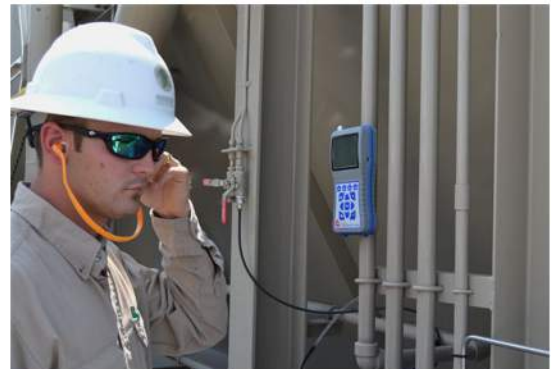
ecom-J2KNpro **Industrial**  
 (L x W x H): 20 x 9.75 x 12 in.  
 Weight: aprox. 29 lbs.  
 complete with sampling system

### Electrical

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