

RUGGED RELIABLE ACCURATE LIGHTWEIGHT



## ECOM-D VERSATILITY AT ITS BEST

The ecom-D analyzer is engineered to perfectly adapt to your individual testing needs. We offer custom configurations and features like an App to allow for remote readings and wireless data transfer to your tablet or smart phone as well as PC based software for customized reporting.



## BUILT WITH OUR CUSTOMER IN MIND

### ECOM-D FEATURES

- UP TO 6 ELECTROCHEMICAL SENSORS, INCLUDING INFRARED
- SENSOR OPTIONS: O<sub>2</sub>, CO, NO, NO<sub>2</sub>, SO<sub>2</sub>, H<sub>2</sub>S, C<sub>x</sub>H<sub>y</sub>, CO<sub>2</sub> & CH<sub>4</sub> (IR)
- CO PURGE PUMP TO PREVENT OVERSATURATION
- CONDENSATE TRAP WITH ELECTRONIC SHUT OFF
- AMBIENT OR PELTIER COOLER SAMPLE CONDITIONER
- FLUE GAS, AMBIENT & SENSOR TEMPERATURE
- AVERAGING TEST FEATURE
- ONBOARD CALCULATIONS FOR CO<sub>2</sub>, EFFICIENCY, EXCESS AIR AND O<sub>2</sub> CORRECTION

### ECOM-D ADD-ONS

- eCLOUD TESTING & REPORTING SOFTWARE
- CALIBRATION GAS KIT
- HEATED SAMPLE LINE
- INFRARED OR ATTACHED PRINTER

For more detailed information please visit [www.ecomusa.com](http://www.ecomusa.com).

## SOFTWARE CAPABILITIES

- Snapshot or Cycle Testing
- Easy Data Access
- Customizable Report Generation
- Automated Testing
- Mass Emission and Volumetric Calculations
- Pre & Post Test Calibration



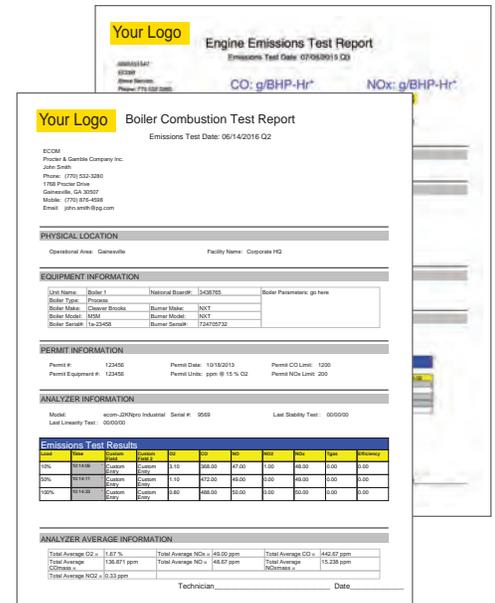
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**ECOM-D HIGHLY VERSATILE, RESULT FOCUSED**

**ECOM-D TECHNICAL SPECIFICATIONS**

Measurements	Range	Accuracy	Resolution	Sensor***	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 ppm	6-8 Years	Electrochemical
Carbon Monoxide (high)	0-63,000 ppm	± 2% Measured*	5 ppm	6-8 Years	Electrochemical
Nitric Oxide (NO)	0-5,000 ppm	± 5% Measured*	1 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> )	0-1,000 ppm	± 5% Measured*	1 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 ppm	6-8 Years	Electrochemical
Hydrogen Sulfide (H <sub>2</sub> S)	0-1000 ppm	± 5% Measured*	1 ppm	4 Years	Electrochemical
Carbon Dioxide (CO <sub>2</sub> )	0-20% vol	± 5% Measured*	0.1% vol	5 Years	Infrared Sensor
Methane (CH <sub>4</sub> )	0-5% vol	± 5% Measured*	0.01% vol	5 Years	Infrared Sensor
Combustibles (C <sub>x</sub> H <sub>y</sub> )	0-4% vol		0.01% vol	5 Years	Pellistor
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% Oxygen	Calculated			
Carbon Dioxide	0-CO <sub>2</sub> max of fuel	Calculated			

\* 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



eCloud software

**ELECTRICAL**

Battery life: 3-5 hour,  
 6V 3.3Ah Li-ion  
 Pump: Flow rate of 0.8-1.0 lpm  
 Display: Backlit adjustable  
 contrast & zoom, displays all  
 parameters simultaneously

**DIMENSIONS**

7.25" x 3.0" x 5.0"  
 3.5 lbs weight  
 Standard with 9 ft or 15 ft  
 sample line  
 1 ft probe



Industrial package

**CONTACT US**

ECOM America, Ltd.  
 1628 Oakbrook Drive  
 Gainesville, GA 30507

Toll Free: 1-877.326.6411  
 Tel: 770.532.3280  
 ecom.info@ecomusa.com

**ECOM-D handheld analyzer adapts to your needs and delivers accurate results.**

For more detailed information please visit [www.ecomusa.com](http://www.ecomusa.com).