

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**

- E-COMPLY 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**

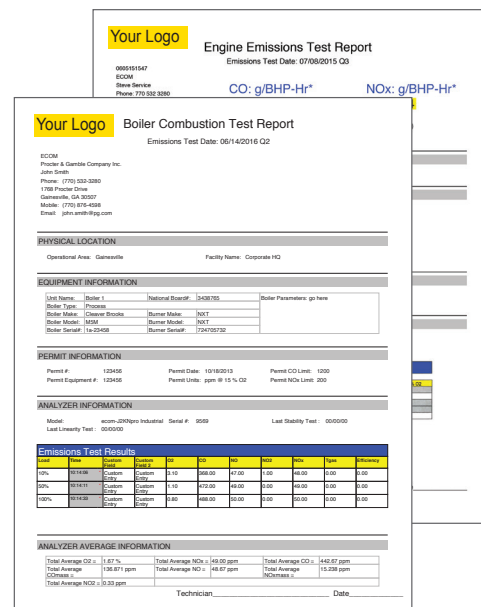
**ECOM-D TECHNICAL SPECIFICATIONS**

Measurements	Range	Accuracy	Resolution	Sensor***	Sensor type
Oxygen (O <sub>2</sub> )	0-21 vol%	± 0.2 vol%	0.1vol%	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	± 2% Measured*	1 ppm	4 Years	Electrochemical
Carbon Dioxide (CO <sub>2</sub> )	0-20 vol%	± 5% Measured*	0.1vol%	5 Years	Infrared Sensor
Methane (CH <sub>4</sub> )	0-5 vol%	± 5% Measured*	0.01vol%	5 Years	Infrared Sensor
Combustibles (C <sub>x</sub> H <sub>y</sub> )	0-4 vol%		0.01vol%	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	-4-250° 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

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



e-Comply 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" (L x H x W)

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).