

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: O₂, CO, NO, NO₂, SO₂, H₂S, C_xH_y, CO₂ & CH₄ (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 CO₂, EFFICIENCY, EXCESS AIR AND O₂ 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.

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 ₂)	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 ₂)	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 ₂)	0-5000 ppm	± 5% Measured*	1 ppm	6-8 Years	Electrochemical
Hydrogen Sulfide (H ₂ S)	0-1000 ppm	± 2% Measured*	1 ppm	4 Years	Electrochemical
Carbon Dioxide (CO ₂)	0-20 vol%	± 5% Measured*	0.1vol%	5 Years	Infrared Sensor
Methane (CH ₄)	0-5 vol%	± 5% Measured*	0.01vol%	5 Years	Infrared Sensor
Combustibles (C _x H _y)	0-4 vol%		0.01vol%	5 Years	Pellistor
Draft / Pressure	± 40" H ₂ O	± 2% Measured*	0.004" H ₂ O	10 Years	DMS
Gas Temperature	32-1832 F	± 0.5%**			
Ambient Temperature	-4-250° F	± 1° F			
O ₂ Correction	0-20% Oxygen	Calculated			
Carbon Dioxide	0-CO ₂ 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

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

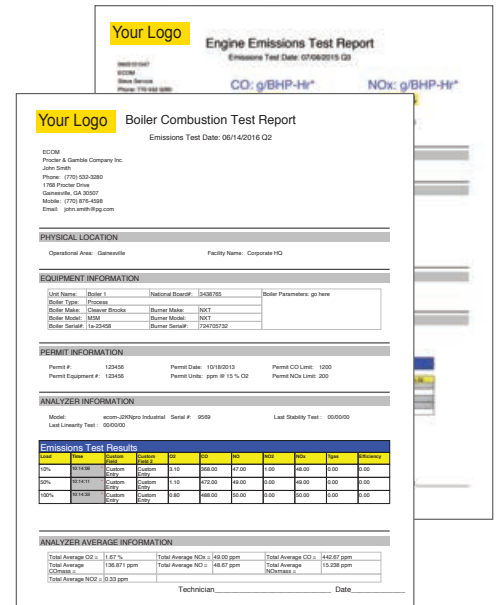
7.25" x 3.0" x 5.0" (L x H x W)
 3.5 lbs weight
 Standard with 9 ft or 15 ft
 sample line
 1 ft probe

CONTACT US

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For more detailed information please visit www.ecomusa.com.



e-Comply software



Industrial package

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