

RUGGED RELIABLE ACCURATE LIGHTWEIGHT



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







RUGGED RELIABLE ACCURATE LIGHTWEIGHT

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 $(C_\chi H_\gamma)$	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 fu	uel Calculated			



^{**} Probe dependent

ELECTRICAL

DIMENSIONS

7.25" x 3.0" x 5.0" (L x H x W) Battery life: 3-5 hour, 6V 3.3Ah Li-ion 3.5 lbs weight

Standard with 9 ft or 15 ft

sample line 1 ft probe



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e-Comply software



Industrial package

CONTACT US

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

Pump: Flow rate of 0.8-1.0 lpm

Display: Backlit adjustable contrast & zoom, displays all

parameters simultaneously

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.

^{***} Sensor life will vary due to frequency of use and application