

Functioning as a durable handheld that easily fits in the palm of your hand or as a case mounted analyzer, the ECOM D is built with our customers in mind.

### **Features**

- Up to 6 Electrochemical Sensors Sensor Options: 02, CO, NO, NO2, SO2
- 10'-15' Standard Sample Line 1ft Inconel Probe (up to 1832F/1000C) CO Purge Pump to Prevent Oversaturation Condensate

Trap • Ambient Cooler Sample Conditioner • Flue Gas, Ambient, & Sensor

Feature • Onboard Calculations for CO2, Efficiency, Excess Air and O2

Temperature • Averaging Test

Correction • Wi-Fi



#### **OPTIONAL ADD-ONS**

Bluetooth Link
 CRS Compliance
 Testing Software
 Calibration Gas
 Kit
 Heated Sample Line
 1ft

Flex Tip Probe





## www.ecomusa.com

Rugged

Reliable

**Accurate** 



MEASUREMENT	RANGE	ACCURACY
Oxygen (O2)	0-21 vol%	± 0.3 vol%
Carbon Monoxide (CO)	0-10,000 ppm	± 2% Measured*
Carbon Monoxide (high)	0-40,000 ppm	± 2% Measured*
Nitric Oxide (NO)	0-5,000 ppm	± 2% Measured*
Nitric Oxide (low)	0-500.0 ppm	± 2% Measured*
Nitrogen Dioxide (NO2)	0-500 ppm	± 2% Measured*
Nitrogen Dioxide (low)	0-50.0 ppm	± 2% Measured*
Sulfur Dioxide (SO2)	0-5000 ppm	± 2% Measured*
Gas Temperature	32-1832 F	± 2% Measured*
Ambient Temperature	0-250 F	± 2% Measured*
Draft / Pressure	± 40"H2O	± 2% Measured*
O2 Correction	0-20% Oxygen	Calculated
Carbon Dioxide	0-CO2 max of fuel	Calculated
Efficiency (Eta)	0-99.9%	Calculated
Excess Air (Lambda)	1-infinity	Calculated
Losses	0-99.9%	Calculated
Smoke Scale	0-9	

### Electrical

3-5 hour battery life, 6V 3.3Ah (Li-ION)

Pump: Flow rate of 0.8 - 1.0 lpm

Display: Backlit, adjustable contrast & zoom,

displays all parameters simultaneously

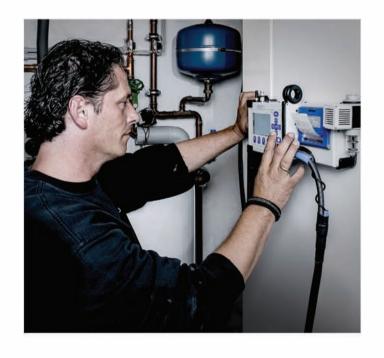
#### **Dimensions**

The ECOM "D" is a modular system, available with seperate thermoelectric cooler & thermal printer modules \*Optional probe & sample line lengths are available.



SENSOR LIFE	SENSORTYPE
2 Years	Electrochemical
3 Years	Electrochemical
10 Years	NiCrNi
10 Years	Semi-conductor
10 Years	DMS
	2 Years 3 Years 10 Years

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



# Contact

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"The modular design of the D makes it easy to work with in several environments."