

ecom[®] B

Your Everyday
Everywhere
Analyzer



We've spent years perfecting the technology - now it's available in the compact, affordable ECOM B.

Features

- Up to 3 Electrochemical Sensors • Sensor Options: O2, CO & NO • 5.4ft Standard Sample Line • 6" Probe (up to 932F/500C) • CO Purge Pump to Prevent Oversaturation • Visual Condensate Trap • Flue Gas,

Ambient, & Sensor Temperature

- Onboard Calculations for CO2, Efficiency, Excess Air and O2 Correction!
- Free Software • Bluetooth (option)
- IR Printer (option) • Data Cable to PC (option)



Need both Hands?

Mounting magnets keep the analyzer firmly in place for hands free operation

www.ecomusa.com

Rugged

Reliable

Accurate



B Technical Specifications

MEASUREMENT	RANGE	ACCURACY	RESOLUTION	SENSOR LIFE	SENSOR TYPE
Oxygen (O2)	0-21vol%	± 0.3 vol%	0.1vol%	2 Years	Electrochemical
Carbon Monoxide (CO)	0-4000 ppm	± 2% Measured*	1 ppm	3 Years	Electrochemical
Nitric Oxide (NO)	0-5000 ppm	± 2% Measured*	1 ppm	3 Years	Electrochemical
Gas Temperature	32-1832 F	± 2% Measured*	1 deg F	10 Years	NiCrNi
Ambient Temperature	0-250 F	± 2% Measured*	1 deg F	10 Years	Semi-conductor
Draft / Pressure	± 40" H2O	± 2% Measured*	0.1% H2O	10 Years	DMS
O2 Correction	0-20% O2	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			

*ACCURACY: When calibrated prior to use per ECOM America, Ltd. specifications.

Electrical

3- 5 hour battery life, 6V 3.3Ah Li-ion

Pump: Flow rate of 0.5-0.8 lpm

Display: Backlit, graphic capable, 8 line display

Dimensions

9.8" x 7.1" x 3.1" (L x H x W)

5.4 ft sample line

6" Probe

4.6 lbs weight

Safety

Purge pump for CO sensor

Pump shuts off if water level exceeded

Fresh air purge upon shut-down

Expandable condensate filter



Contact

ECOM America, Ltd.
1628 Oakbrook Drive
Gainesville, GA 30507
www.ecomusa.com

877.326.6411
Tel: 770.532.3280
Fax: 770.532.3620
info@ecomusa.com

"Owning an ECOM can be a reality with the budget-friendly ECOM B!"