

RUGGED RELIABLE ACCURATE LIGHTWEIGHT



## ECOM-B SERIES

## PORTABLE & AFFORDABLE

Building on the the ECOM tradition of excellence, we have spent years perfecting our technology and created the affordable ecom-B.

Now also available with attached printer and electronic condensate trap – the ecom-B Plus.

### YOUR EVERYDAY EVERYWHERE ANALYZERS

German engineered and with the **strongest pump** in its class, the **ecom-B Series** delivers **instant and accurate** results each and every time!

These **light weight** analyzers come with a solid metal chassis which makes it your ideal choice for even the toughest environments.

#### ECOM-B & ECOM-B PLUS FEATURES

- UP TO 3 ELECTROCHEMICAL SENSORS
- SENSOR OPTIONS: O<sub>2</sub>, CO & NO
- 7FT STANDARD SAMPLE LINE 9" PROBE (ecom-B)
- 9FT STANDARD SAMPLE LINE 1" PROBE PIPE (ecom-B+)
- CO PURGE PUMP TO PREVENT OVERSATURATION
- VISUAL OR ELECTRONICALLY MONITORED CONDENSATE TRAP
- FLUE GAS, AMBIENT & SENSOR TEMPERATURE
- ONBOARD CALCULATIONS FOR CO<sub>2</sub>, EFFICIENCY, EXCESS AIR AND O<sub>2</sub> CORRECTION & NO<sub>x</sub>
- INFRARED OR ON-BOARD PRINTER
- BLUETOOTH MODULE AVAILABLE

For more detailed information please visit [www.ecomusa.com](http://www.ecomusa.com).



The **ecom-B Series** combines the performance of larger analyzers with the portability of a handheld.



ecom-B Plus



ecom-B

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## INTRODUCING THE ECOM-B SERIES

Ensuring that your equipment is safe and up to code is a necessary part of the job. ECOM makes it easy with our robust and affordable handhelds.

**Quality and accuracy are our promise.**



**NEED BOTH HANDS?**  
Industrial magnets on the back of the analyzer allow for hands-free operation.

### ECOM-B SERIES TECHNICAL SPECIFICATIONS

Measurements	Range	Accuracy	Resolution	Sensor***	Sensor type
Oxygen (O <sub>2</sub> )	0-21% vol	± 0.2% vol	0.1% vol	4-5 Years	Electrochemical
Carbon Monoxide (CO)	0-10000 ppm	±2% Measured*	1 ppm	6-8 Years	Electrochemical
Nitric Oxide (NO)	0-5000 ppm	±5% Measured*	1 ppm	6-8 Years	Electrochemical
Gas Temperature	32-1832° F**	±0.5%			
Ambient Temperature	40-122° F	±1° F	1° F		
Draft / Pressure	±40" H <sub>2</sub> O	±2% Measured*	0.004" H <sub>2</sub> O		
O <sub>2</sub> Correction	0-20% O <sub>2</sub>	Calculated			
Carbon Dioxide	0-CO <sub>2</sub> max	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.

\*\* 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 up to 1.0 lpm  
Display: Backlit with 8 line display

### DIMENSIONS

7.5" x 4.75" x 2.5" (ecom-B)  
7' sample line with 9" probe  
11.8" x 6.4" x 3.1" (ecom-B Plus)  
9' sample line with 1' probe 2.5 to 3.6 lbs. weight

### SAFETY

Purge pump for CO sensor  
Fresh air purge upon shut-down  
Expandable condensate filter or electronic condensate trap

## CONTACT US

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**ECOM accuracy is now available in two robust and affordable handhelds.**

For more detailed information please visit [www.ecomusa.com](http://www.ecomusa.com).