

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: O₂, CO & NO
- 7FT STANDARD SAMPLE LINE 9" PROBE
- CO PURGE PUMP TO PREVENT OVERSATURATION
- VISUAL OR ELECTRONICALLY MONITORED CONDENSATE TRAP
- FLUE GAS, AMBIENT & SENSOR TEMPERATURE
- ONBOARD CALCULATIONS FOR CO₂, EFFICIENCY, EXCESS AIR AND O₂ CORRECTION
- INFRARED OR ON-BOARD PRINTER
- BLUETOOTH MODULE AVAILABLE

For more detailed information please visit 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.



ECOM-B SERIES TECHNICAL SPECIFICATIONS

| Measurements | Range | Accuracy | Resolution | Sensor*** | Sensor type |
|---------------------------|-----------------------|---------------|-------------------------|-----------|-----------------|
| Oxygen (O ₂) | 0-21% vol | ± 0.2% vol | 0.1% vol | 4-5 Years | Electrochemical |
| Carbon Monoxide (CO) | 0-4000 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 | -4-250° F | ±1° F | 1° F | | |
| Draft / Pressure | ±40" H ₂ O | ±2% Measured* | 0.004" H ₂ O | | |
| O ₂ Correction | 0-20% O ₂ | Calculated | | | |
| Carbon Dioxide | 0-CO ₂ 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



NEED BOTH HANDS?

Industrial magnets on the back of the analyzer allow for hands-free operation.

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)

11.8" x 6.4" x 3.1" (ecom-B Plus)

7' sample line with 9" 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.