ecom-B SERIES

The ecom-B Series, is the most portable analyzer solution for inspections and tuning of combustion systems.

Performance equaling larger analyzers with the portability of a handheld





HANDHELD COMBUSTION ANALYSIS

ecom-B+ Bluetooth

Made in Germany

Quick Response
With the strongest pump in its class, the ecom-B Series delivers instant and accurate results each and every time

Ease of Use
User friendly interface: switch on - measure - manage data -done

Robust
This light weight analyzer comes with a solid metal chassis, which makes it your ideal choice even for the toughest environments

ECOM America Ltd.
1628 Oakbrook Drive
Gainsville, GA 30507
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ecom® Measurement Technology

"Instant and accurate results each and everytime!"

THE MOST PORTABLE ECOM SOLUTION

Verification and tuning of combustion systems



- Up to three (3) electrochemical sensors
- Magnets on the back of the analyzer allow for hands-free measurement
- Li-ion battery allows for up to 150 measurements without charging
- 9' standard sample line combined with 1' probe pipe (ecom-B+)
- Visual or electronically monitored condensate trap (ecom-B+)
- Integrated thermal high-speed printer (ecom-B+)

● = Basis EC ● = Optional EC

O_2 | CO | NO

Technical specifications				√ Standard • Option
Measurements	Range	Resolution	Accuracy	
Sensors				3
O_2	0...21 %	0,1 vol. %	± 0,3 vol. %	√
CO (H_2-comp.)	0...2,500 ppm (10,000 ppm)	1 ppm	± 5 % measured	√
NO	0...5,000 ppm	1 ppm	± 5 % measured	•
Measurements	Range	Resolution	Accuracy	
T-Gas	32...932 °F*	1 °F	± 1,5 % measured	√
T-Air	32...210 °F	1 °F	± 1 °F	√
Draft | △P	± 40" H_2O	0.004" H_2O	± 2 % measured	√

Technical specifications	
Calculated values	Range
CO_2 combustion efficiency (ETA) 1...120 %	0...120 %
Excess air (lambda)	>1
Losses qA	0...100 %
dew point	x° C
mg/m³	x mg/m³
mg/kWh	x mg/kWh
NO_x	ppm
O_2 correction	x % O_2

* Probe dependent

Transport case
Lightweight and spacious textile bag.



ecom-P
Infrared thermal printer.



CO-multi-hole probe
For measuring the CO concentration.



e.CLOUD by ecom
Digital reporting, data-, customer & equipment management.



Soot pump set
To determine the soot number.



ecom-DP2
Differential pressure meter that combines multiple manometers into one.



ecom-UNO
Pocket-sized manometer.



As of 08/24, Technical and designe changes as well as possible printing errors are subject to change.