

ecom-CL2

The most compact flue gas analyser in an ergonomic carrying case for inspections and short-term measurements on small combustion plants

Tested in accordance with
EN 50379-2 and 1st BImSchV



COMPACT FLUE GAS ANALYSIS

Made in Germany



Reliable

Precise measurements results thanks to sensor calibration in the climate chamber



Efficient

Switch on - measure - manage data - done!



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ecom[®]
Measurement Technology

THE MOST COMPACT SOLUTION

Checking and adjusting gas and oil heating systems



- Wall-mounted (thanks to rear magnets) or standing thanks to the non-slip standing bracket
- CO sensor overload protection with fresh air purge without measurement interruption
- Electronic condensate monitoring
- Optimally protected by robust aluminium housing
- Long battery life with up to 150 measurements without charging thanks to integrated Li-Ion battery
- Integrated high-speed thermal printer

● = Basis EC ● = Optional EC



Technical data				✓ Standard • Option
Measured values	Range	Resolution	Accuracy * = Higher value prevails	
Maximum number of gas 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	± 20 ppm / 5 % of reading*	✓
NO	0...5.000 ppm	1 ppm	± 5 ppm / 5 % of reading*	•
Other measured values	Range	Resolution	Accuracy	
T-Gas	0...500 °C	0,1 °C	± 2 °C / 1,5 % of reading*	
T-Air	0...99 °C	0,1 °C	± 1 °C	
Pressure ΔP	± 100 hPa	0,01 hPa	± 0,5 hPa / 1 % of reading*	

Technical data	
Calculation values	Range
CO ₂	0...CO _{2 max}
Combustion efficiency (ETA)	0...120 %
Excess air (Lambda)	>1
Losses qA	0...100 %
Dew point	x °C
mg/m ³	x mg/m ³
mg/kWh	x mg/kWh
O ₂ reference	x % O ₂

Transport bag
spacious textile bag for analyser and tools



Soot pump set
for determining the soot dot number



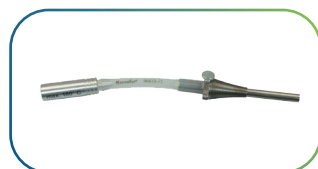
CO-multi-hole probe
for measuring the CO concentration.



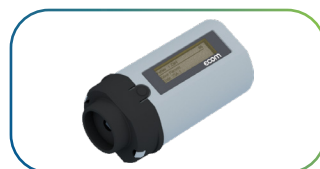
Annular gap multi-hole probe
for measuring the O₂ concentration in the annular gap



Probe extension piece
flexible extension for probe opening



ecom-xRE
readout head for digital burner controllers



ecom-UNO
pocket-sized differential pressure gauge



e.CLOUD by ecom
digital measurement and customer data management

