Initiation and Measurement

•Check fine dust filter / condensate pad
  -Change by grey tone > 3 of soot scale
  -Change by extension > “MAX”

•Connect sampling probe

•Press ON/OFF switch of the instrument

•Start gas measurement with <OK>

•If necessary select storage location

•Select fuel type and confirm with <OK>

•Wait for termination of calibration phase

•Position sampling probe in exhaust pipe

•Search for stream core

•Wait at least 2 minutes for stabilization of measurement values

•Store values in intermediate memory while pressing <Disk symbol>

•If necessary print measured values while pressing <Printer symbol >

•If necessary store measurement in selected storage location (<Print> / <Record->M> / <OK>)

•Remove sampling probe from exhaust pipe and let it cool down

•Press ON/OFF key of instrument to switch off

•If necessary empty condensate trap with drain hose

Parameter	Range	Principle
O_2	0 ... 21% vol.	Electrochemistry
CO	0 ... 10,000 ppm	Electrochemistry
CO% (option)	0 ... 63000 ppm	Electrochemistry
NO (option)	0 ... 5000 ppm	Electrochemistry
NO (low)	0 … 500 ppm	Electrochemistry
NO_2 (option)	0 ... 1000 ppm	Electrochemistry
NO_2 (low)	0 … 100 ppm	Electrochemistry
SO_2 (option)	0 ... 5000 ppm	Eletrochemistry
H_2S (option)	0 ... 1000 ppm	Electrochemistry
CO_2 (option)	0 ... 20% vol.	Infrared
CH_4 (option)	0 ... 5% vol.	Infrared
Combustibles (C_xH_Y)	0 … 4% vol.	Pellistor
CO_2	0 ... CO_{2max}	Calculation
T-Gas	32-1,832° F*	
T-Air	40 - 122° F	
Draft pressure	+/- 40” H_2O	DMS bridge
Efficiency	0 ... 120 %	Calculation
Losses	0 ... 99.9 %	Calculation
Excess air	1 ... ∞	Calculation
CO undiluted (adjustable ref. O_2)		Calculated
Flue gas dew point		Calculated

***Probe dependent**

Power supply Charger 110 - 230 V / 50 - 60 Hz~;
Battery life: 3-5 hours. 6 V / 3.3 Ah Li-ion

Protocol printer integral; 2” paper width (option)

Pump flow rate of 0.8 – 1.0 lpm

Display backlit adjustable contrast & zoom displays all parametes simultaneously.

Dim. (L x W x H) from approx. 7.25” x 3.0” x 5.0”
(depending on selected features)

Weight from approx. 3.5 lbs.
Standard with 9 ft. or 15 ft. sample line and 1 ft. probe.

Subject to technical changes!
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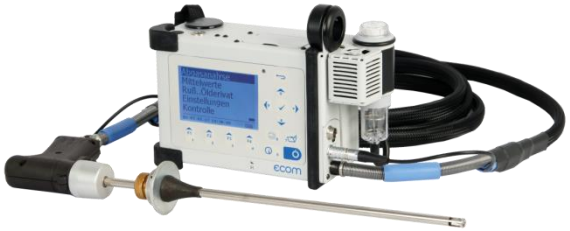

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Quick guide

Instrument Design