

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 stabilisation 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

Technical Data

Parameter	Range	Principles
O ₂	0 ... 21 vol. %	electrochemical
CO	0 ... 2500 ppm	electrochemical
NO (Option)	0 ... 5000 ppm	electrochemical
NO ₂ (Option)	0 ... 1000 ppm	electrochemical
SO ₂ (Option)	0 ... 5000 ppm	electrochemical
CO% (Option)	0,4 ... 6,3 vol. %	electrochemical
CO ₂	0 ... CO ₂ max.	calculated
T-G	0 ... 500 °C	NiCr-Ni
T-R	0 ... 100 °C	semiconductor
Pressure	0 ... +/-100 hPa	DMS- bridge
Efficiency	0 ... 120 %	calculated
Losses	0 ... 99,9 %	calculated
Lambda	1 ... ∞	calculated
CO- undiluted (reference-O ₂ ; adjustable)		calculated
Dew point of combustion gases		calculated
Power Supply	110 - 230 V / 50 Hz~;	
Battery	6 V / 3,3 Ah	
Display	graphic display, backlit	
Size (W x H x D)	from approx. 200 mm x 130 mm x 80 mm (depending on selected features)	
Weight	from approx. 2 kg (depending on selected features)	
Application limits	+5 °C to +40 °C; max. 90 % RH, non-condensing	

Subject to technical changes!
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Quick guide

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under www.ecom.de/downloads
before start-up!

Instrument Design

