

Initiation and Measurement

- Check fine dust filter
-Change by grey tone > 3 of soot scale
- Connect sampling probe
- Press ON/OFF switch of the instrument
- Start gas measurement with <Enter>
- Select fuel type and confirm with <Enter>
- If necessary select storage location
- 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 <Record key>
- If necessary print measured values while pressing <Printer key >
- If necessary store measurement in selected storage location (<Enter> / <Store to memory> / <Enter>)
- Remove sampling probe from exhaust pipe and let it cool down
- Press ON/OFF key of instrument to switch off
- Empty water trap with drain hose

Technical Data

Parameter	Range	Principles
O ₂	0 ... 21 vol. %	electrochemical
CO (without H ₂)	0 ... 2000 ppm	electrochemical
CO (Option)	0 ... 4000 ppm	electrochemical
NO (Option)	0 ... 5000 ppm	electrochemical
CO ₂	0 ... CO _{2max}	calculated
T-G	0 ... 500 °C	NiCr/Ni
T-R	0 ... 100 °C	semiconductor
Pressure	0 ... +/- 70 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	230 V / 50 Hz~;
Battery	6 V / 3,8 Ah
Display	graphic display, backlit
Size (W x H x D)	321 mm x 225 mm x 97 mm
Weight	approx. 3 kg (complete with sampling system)

Application limits	+5 °C to +40 °C; max. 90 % RH, non-condensing
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Subject to technical changes!
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Quick guide

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**Consider operation instructions
under www.ecom.de/downloads
before start-up!**

Instrument Design

