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		calculated
(reference-O ₂ ; adjustable)		
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

selscted features)

Weight from approx. 2 kg (depending

on selscted features)

Application limits +5 °C to +40 °C;

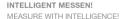
max. 90 % RH, non-condensing

Subject to technical changes! 06.2018

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Quick guide





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

Instrument Design

