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Product information MGA 11

Field of application

The **MGA 11** is a transportable gas analyser for easy measuring up to 7 gas components: CO, CO₂ (NDIR), NO, NO₂, SO₂, O₂ and H₂S.

MGA 11



Application examples

- Precise flue gas measurement of almost any type of combustion
- Short control of measurements stacks, furnances and many other sites
- Flow velocity measurement of flue gas
- Differential measurement of pressure and temperature
- Atmosphere monitoring during heat treatment steel production
- Cement industry
- Coal bunkers



Highlights of the device

- Modern, slimline enclosure with fixing magnets
- Super bright, colour 3.5" TFT display with LED backlight
- Mini-USB for cable data transfer
- Integrated condensate trap with PTFE filter and LED backlight
- Menu guided software and function keys
- Robust stainless steel gas connectors
- Less than 800 g weight (for instrument only)

General technical data

Dimensions:	110 x 225 x 52 mm (W x H x D)
Weight:	800 g
Ambient temperature:	+0 ... +40 °C
Measuring principle:	Infrared-Photometer (CO ₂) Electrochemical cell (O ₂ , CO, SO ₂ , H ₂ S, NO, NO ₂)
Display:	LC-Display, back-lighted
Keyboard:	Plastic foil keyboard
Operation:	Menu-driven
Detection limit value:	< 2 % of the respective measuring range
Zero point correction:	Automatically
Sensitivity correction:	With calibration gas (optional)
Baro correction:	Internal
Response time:	T ₉₀ < 180 seconds
Interfaces:	USB, IRDA, Bluetooth
Power supply:	Lithium-Ion battery or NIMH battery

Measuring ranges

- CO 0 ... 300 / 10.000 ppm
- NO 0 ... 300 / 1.000 ppm
- NO₂ 0 ... 200 / 1.000 ppm
- SO₂ 0 ... 300 / 2.000 ppm
- O₂ 0 ... 21,0 Vol%
- CO₂ 0 ... 20,0 Vol%
- H₂S 0 ... 200 / 2.000 ppm
- Temperature up to 650 °C (special design up to 1.100 °C)
- Differential pressure -100 ... +100 hPa