

ecom- D

HAND-HELD FLUE GAS ANALYZER FOR INDUSTRIAL APPLICATIONS

- Hand-held Instrument with optional sample gas cooler
- For perfect NO_x/SO₂ -measurements
- Up to 6 sensors (Longlife sensors)
- Direct CO₂ measurements via IR sensor
- Measuring of hydrocarbons via IR sensor
- CO sensor overload protection without measurement interruption
- Electronic condensate monitoring
- Powerful rechargeable battery
- Backlit display and keypad
- Aluminium housing (ultralight)

ecom-D Flue Gas Analyzer

- O₂/CO (H₂ comp.)/NO/NO₂ Longlife sensors (more than 4 years of operating life with normal load)
- Automatic CO shut-off and flushing (without interruption of the measurement)
- Condensate trap or sample gas cooler including electronic condensate monitoring (depends on equipment package)
- Delivered in an ultralight aluminium housing
- Durable magnetic attachment on the back of the housing
- With sampling probe including thermecouple, cone and hose
- T-Room sensor/T-Room stick (at choice or depending on package selected)
- Calibration certificate - issued after 100% sensor calibration in the climate chamber
- Free PC software

Options (amongst others)

- NO_x calculation via NO reading or NO_x measurement
- Higher resolution and accuracy in the NO_{Low} (0-500 ppm) or NO_{2 Low} (0-100 ppm) range
- Additional sensor options (SO₂, H₂S, H₂, CO%)
- CO₂ direct measurements as well as C_xH_y measurements (calibrated for methane) with infrared measurement (NDIR measurement method)
- Wi-Fi data transfer
- 3.5 or 5 m NO_x tubing
- Replaceable probe attachments in different lengths between 250 and 1500 mm (high-temperature and flexible tips also available)

Accessories (amongst others)

- Thermal quick-printer module
- Various carrying cases (plastic, aluminium, etc.)
- Various filter options - including options for reinforced solid fuel measurements
- Various temperature feeler gauges (contact sensor, surface sensor, ...) for differential temperature measurements (e.g. flow temperature and return temperature)



Dimensions (W x H x D) 220 x 125 x 85 mm

Weight approx. 2 kg (includes probe and sample line)

Measurable Gases

| | | | | |
|------------------|----------------|-----|-----------------|-------------------------------|
| O ₂ | CO | NO | NO ₂ | SO ₂ |
| H ₂ S | H ₂ | CO% | CO ₂ | C _x H _y |

■ = Base; ■ = Optional EC, ■ = Optional IR, ■ = Optional CLD/PAS



Testing according to DIN EN 50379-2 and 1st. BImSchV.



Additional services

- Free PC software and free Apps
- Extended scope of delivery (including accessories, consumables, etc.)