

## ecom-EN2-F

### INDUSTRIAL EMISSIONS ANALYSIS IN FIT TO FLY TRANSPORT CASE

Adjustment and monitoring of burners  
and large furnaces

- Compact analyzer with sample gas cooler
- For perfect NO<sub>x</sub>/SO<sub>2</sub> measurements
- Aluminium housing with oscillating mounting
- Fitted in hardtop transport case
- Up to 6 sensor options (Longlife sensors)
- Possible CO<sub>2</sub> direct measurement with IR sensor
- Hydrocarbons measurement via IR sensor possible
- CO sensor overload protection without measurement interruption
- Electronic condensate monitoring
- Backlit display and keypad

#### ecom-EN2-F EXPERT - Compact Analyzer

- With electronically monitored sample gas cooler
- NO<sub>x</sub> version (equipped with O<sub>2</sub> / CO / NO / NO<sub>2</sub> sensor)
- Low-NO<sub>x</sub> version is also possible.
- Up to a total of 6 gas sensors (including O<sub>2</sub> / CO / NO / NO<sub>2</sub> / SO<sub>2</sub> as well as IR-CO<sub>2</sub> or CH<sub>4</sub> sensors)
- NO<sub>x</sub> / SO<sub>x</sub> tubing
- Optional Wi-Fi data transfer (including data processing via PC display or Smartphone)
- Optional ecom-R-Bluetooth remote control

For the adjustment and monitoring of engines,  
CHPs, and others

#### ecom-EN2 ENGINE - Compact Analyzer

- With electronically monitored sample gas cooler
- NO<sub>x</sub> version (equipped with O<sub>2</sub> / CO / NO / NO<sub>2</sub> sensor)
- Up to a total of 6 gas sensors (including O<sub>2</sub> / CO / NO / NO<sub>2</sub> / SO<sub>2</sub> as well as IR-CO<sub>2</sub> or CH<sub>4</sub> sensors)
- Low-NO<sub>x</sub> version is also possible.
- Includes miniature heat shield on the probe cone
- Preset for NO<sub>x</sub> measurements, as well as mg/m<sup>3</sup> at 5% O<sub>2</sub> reference (freely adjustable)
- NO<sub>x</sub> / SO<sub>x</sub> tubing
- Optional Wi-Fi data transfer (including data processing via PC display or smartphone)
- Optional ecom-R-Bluetooth remote control

#### Additional Options (amongst others)

- Built-in soot measurement via heated sampling probe
- Higher resolution and accuracy in the NO<sub>Low</sub> (0-500 ppm) or NO<sub>2 Low</sub> (0-100 ppm) range

#### Accessories (amongst others)

- Various filter options - including options for intensive solid fuel measurements
- Various temperature probes (contact sensor, surface sensor, ...) for differential temperature measurements (e.g. flow temperature and return temperature)
- Additional probe attachments (high temperature) or heat shield



#### Measurable Gases

O <sub>2</sub>	CO	NO	NO <sub>2</sub>	SO <sub>2</sub>
H <sub>2</sub> S	H <sub>2</sub>	CO%	CO <sub>2</sub>	C <sub>x</sub> H <sub>y</sub>

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



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

#### Specific advantages - valid for all emissions analyzers

- Fuel types can be freely defined in addition to pre-configured standards
- Free PC software + Apps
- 10-year warranty (covers aluminium housing, availability of spare parts and free of charge firmware updates)