

## Starter model for professional flue gas analysis

The ecom-CL flue gas analyser is designed for short control and adjustment measurements, ideally at gas-fired heating plants. It is fitted in a robust aluminium-framed transport case and optimally equipped for a tough daily work. An optional under case offers further storage space and can be easily attached to the instrument transport case.

A powerful internal lead gel battery secures operation for several hours without connection to mains power supply. The efficient water trap with electronic monitoring collects the moisture of the sampling gas and interrupts the measurement in case the maximum filling capacity is reached. The condensate water is then easily disposed of thru an evacuation hose located on the back of the transport case.



As specific protection measure (optional) an internal programme secures the CO sensor against possible concentration exceedings: as soon as the pre-set limit value is achieved, a purging pump is automatically activated and leads fresh air to the sensor.

The life span of the CO sensor is enhanced with the standard manual CO switch-off and simultaneous fresh air purging system.



## Display and Keyboard with backlit

On the graphic display all relevant values can be viewed on one and the same page. Keyboard and display have a backlit feature so that a safe operation is ensured even by poor visibility conditions.



## Integral Documenting Printer

The integral thermal printer provides with an immediate documentation of the measurement results gained. The comprehensive protocol can be laid out with the user's individual data (8 x 24 characters) at the document bottom.



## Features and Performances

### Measured values

- O<sub>2</sub>; CO; T-Gas; T-Ambient; Differential pressure  
NO (optional)

### Calculated values

- CO<sub>2</sub>; CO(U); Efficiency; Losses; Excess air; Dew point; mg/m<sup>3</sup>;  
mg/kWh; O<sub>2</sub>ref.

### Display

- LCD display; 70 x 40 mm; max. 8 lines
- backlit; graphic-capable

### Sampling probe

- Coaxial probe 150 mm with 3-chamber tubing 2,20 m

### Sampled gas preparation

- Condensate trap with fine dust filter
- Electronic condensate monitoring

### Safety

- Temperature trend indication for core stream search
- CO switch-off without measurement interruption (option)
- Fresh air purge in case of CO exceeding (option)
- Fresh air purge after operation

### Printer

- Thermal printer 58 mm

### Connections

- Connection for gas leak detector
- Serial interface for data transfer

### Data processing

- Internal memory (300 measurements)

### Transport

- Transport case
- Under case (option)

### Dimensions/Weight

- Dimensions (W x H x D): 360 x 245 x 150 mm
- Weight: ca. 5 kg complete with sampling probe

Contact below rbr agency for more information