

New: EUROLYZER STe

Only from us:
ECO sensor for faster longer service life!



Your benefits

- + All-in-one: Flue gas analysis, (differential) pressure measurement, (differential) temperature measurement, heating system check, 4-Pa test
- + ECO sensor: First lead-free O₂ sensor for flue gas analysers
- + Optimized calibration phase and reduced faster response time
- + H₂-compensated CO cell (measuring range up to 10,000 ppm)
- + CO room air monitoring
- + NO cell can be retrofitted
- + Also for pellets-fired systems (standard fuel)
- + qA mean value measurement as per amendment to the 1st German Federal Immission Control Act BImSchV
- + Data transmission via Bluetooth and USB interface
- + 7 years full warranty in connection with a service contract

Application

Flue gas analysis computer for measuring small and medium-sized oil, gas and pellets-fired heating systems according to the new 1st German Federal Immission Control Act (qA mean value measurement) and for CO concentration safety checks at gas fired systems.

EUROLYZER STe is your instrument of choice for measurements of bivalent, modulating CHP systems and for all measurements within the framework of the heating system check as per DIN EN 15378.

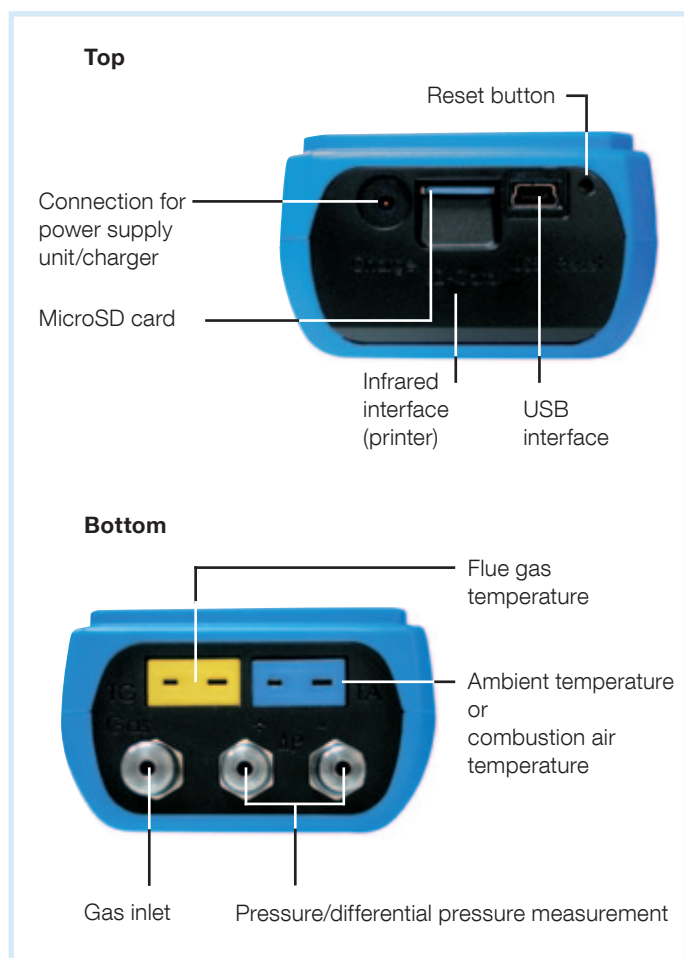


Description

EUROLYZER STe is an ergonomically designed flue gas analyser with a robust protective sleeve and an integrated magnet. It is operated via a touch pad with a special recess for easy scrolling. The high-resolution TFT display, colour-coded menus and colour-coded representations of the measured values ensure maximum ease of use. With automatic instrument check during programme start and during the calibration phase.

Measuring is possible with two active display levels. A MicroSD card allows for system-independent storage of measurement logs. In addition to a USB interface for communication with a PC or a netbook, EUROLYZER STe features optional data transmission via Bluetooth – also for communication with pressure probes and temperature probes. The printer is connected via infrared.

The new sensor technology of EUROLYZER STe ensures optimised calibration phase and a prolonged service life. ECO sensors for oxygen do not contain lead – a great contribution to a cleaner environment!



Technical specifications

Flue gas temperature/ differential temperatur	0/+1,000 °C
Air temperature/combustion air temperaturer	-20/+200 °C
Draft	± 50 hPa
Differential pressure	+/-130 hPa
O₂ measurement	0 ... 21 Vol.-%.
CO_{H2} measurement	0/5,000 ppm (nom.) 0/9,999 ppm (max.)
NO measurement	0/2,000 ppm
Indication (calculated values)	CO ₂ , CO undiluted (air-free), lambda, Eta efficiency, flue gas losses qA
Operating temperature range	Ambient: 5/40 °C Storage: -20/+50 °C
Weight (housing)	Approx. 400 g
Dimensions	W x H x D: 70 x 210 x 40 mm
Display	Colour TFT display W x H: 45 x 60 mm
Connections	Draft/pressure: Ø 7 mm Gas: Ø 8 mm
Supply voltage	NiHM battery (4.8 V/2 Ah)
Hours of operation (Eco mode)	12 hours
Memory	Micro-SD-card, max. 2 GB
Interfaces	USB, infrared, Bluetooth
Approvals	As per BImSchV, KÜO (TÜV ByRgG 190), EN 50379-2, EN 15378
Scope of delivery	Flue gas analyser (equipment see order chart), calibration log, protective sleeve with magnet, aluminium case, condensate filter cartridge KFP, flue gas probe, ambient air sensor, connection kit for differential pressure measurement, Infiltec fine filters (5 pieces), Teflon membrane (10 pieces)

Type	Part no.
EUROLYZER STe, Set 1 O ₂ , CO _{H2} , (differential) temperature, draft (instrument only)	70099
EUROLYZER STe, Set 2 O ₂ , CO, (differential) temperature, draft, differential pressure (instrument only)	70100
Options	
Memory functions package Memory card, slot adapter, data cable	69303
Thermal printer EUROprinter	69480

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