Flue gas analyser MAXILYZER NG

Ideal for checking and servicing every type of heating system as well as other calorific appliances and solid fuel burner systems.

Your benefits

- Dust- and waterproof instrument case with vent valve
- For use with maximum number of 6 electro-chemical sensors
- Powerful rechargeable battery (24 hours) for continuos use with active display illumination
- Flushing function, depending on intensity of measurement
- Multitasking measuring mode with two active levels
- LC display with up to 10 measured values
- Hold function, zoom function, core stream search function, 15-minute mean value programme and unit conversion
- USB and Bluetooth Data Interface (optional)
- Graphical evaluation of measured values according combustion chart (online function)
- MAXILYZER NG is certified to EN 50379-2 and approved for legally regulated measurements throughout Europe
- Integrated printer

Anwendung

Universal application for measuring small and medium-sized oil, gas and pellets fired heating systems according to the German Federal Immission Act and for CO concentration safety checks at gas fired systems. Ideally suited for servicing solid fuel systems (e.g. log wood fired systems with short-term CO peaks up to 20,000 ppm) or bivalent, modulating CHP systems. The gas treatment system MAXI-SYSTEM is required for precise gas analyses during long-term measurements or at different sites subject to pollution and condensate in the flue gas.
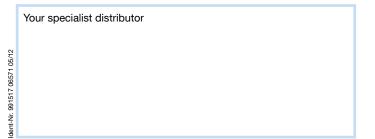
TÜV SÜD ISO 9001

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Description

Flue gas analyser with integrated thermal printer and dual-stage gas treatment system (condensate filter cartridge and dust filter cartridge) in plastic housing with dust and splash water protection. A graphical, bright, backlit LC display allows for indication of ten measured values. Hold and zoom functions, core search, 15-minute mean value programme (solid fuels), conversion of units, automatic instrument check during programme start and graphical evaluation of the measured values with combustion chart ensure maximum ease of use. Memory for 100 measurement blocks. With sensor status diagnostics and automatic CO flushing function via a second pump to protect the sensors. MAXILYZER NG can be equipped with up to six measuring cells (O_2, CO_{H2}, $CO_{20,000}$, NO, NO_2, SO_2). Calculated parameters: CO undiluted (air-free), lambda, CO_2, eta efficiency, flue gas loss qA. Powerful battery with intelligent quick-charging technology.

Integrated Gas treatment

Operating and connection elements

Technical Specifications

Flue gas temperature/ differential temperature	Measuring range: 0/1,000 °C Resolution: 1 °C Thermocouple: NiCr-Ni (Type K)
Air temperature/ combustion air temperature	Measuring range: -20/+200 °C Resolution: 0.1 °C Thermocouple: NiCr-Ni (Type K)
Draft	Measuring range: ±70 hPa
Differential pressure	Measuring range: ±150 hPa Resolution: 0.01 hPa
O_2-measurement	(electro-chemical measuring cell) Measuring range: 0/21 Vol.-% Resolution: 0.1 Vol.-%
CO_2-calculated value	(calculated from O_2) Measuring range: 0/CO_2 max. Resolution: 0.1 Vol.-%
CO_{H2}-measurement	(electro-chemical measuring cell) Measuring range: 0/4,000 ppm Resolution: 1 ppm
CO-measurement, solid fuels	(without H_2 compensation) Measuring range: 0/20,000 ppm Resolution: 0.01 Vol.-%
NO-measurement	(electro-chemical measuring cell) Measuring range: 0/2,000 ppm Resolution: 1 ppm
SO_2-measurement	(electro-chemical measuring cell) Measuring range: 0/2,000 ppm Resolution: 1 ppm
Weight	ca. 2,8 kg
Dimensions	W x H x D: 273 x 125 x 247 mm

Scope of delivery

Scope of delivery	Maxilyzer NG Plus with max. 6 cells (O_2, CO_{H2}, $CO_{40,000}$, NO, NO_2, SO_2), calibration report, case with charger, ambient air probe, flue gas combination probe, connection kit for differential pressure measurement

Gas treatment for MAXILYZER NG
Wartungshinweis

Your attention is drawn to the patented „water stop" of the gas treatment system. In order to provide maximum protection for the MAXILYZER NG measuring system the following parts should be exchanged in good time:
09 Teflon membrane
07 Infiltec fine filter
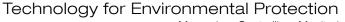We recommend that you purchase a stock of these spares together with the instrument.

شرکت آلاپرداز محیط

تهران – خیابان آزادی – بین خیابان شادمهر و بزرگراه یادگار امام – شماره ۴۱۷ – واحد ۵

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Type	Part no.
MAXILYZER NG O_2, CO_{H2}, draft, differential pressure	69233
MAXILYZER NG O_2, CO_{H2}, NO, draft, differential pressure	69234
MAXILYZER NG O_2, CO_{H2}, $CO_{20.000}$, draft, differential pressure	69237
MAXILYZER NG O_2, CO_{H2}, $CO_{20.000}$, NO, draft, differential pressure	69235
Please enquire for maintenauce contracts.	

Your specialist distributor

Technology for Environmental Protection
Measuring. Controlling. Monitoring.

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