



IM1000-3

GAS ANALYSIS MADE EASY!

The IM 1000-3 is 4 instruments in 1. It is designed to offer advanced system analysis and productivity. This multi-functional instrument is a superior combustion analyzer with unmatched simplicity and a unique combination of features to enhance a technician's efficiency and safety. The IM 1000-3 is perfect for combustion efficiency analysis but also doubles as a differential thermometer, differential manometer, and an ambient CO detector.



MEASURED PARAMETER

- Oxygen O2
- Carbon Monoxide CO
- Flue gas temperature
- 2nd temperature probe type K
- Differential pressure

CALCULATED VALUES

- Combustion efficiency
- Excess air
- Carbon dioxide CO2
- Carbon monoxide pure COu

The IM1000-3 comes complete with softcase and gas sampling probe.

FEATURES

- Analyser IM1000-3
- Memory for 179 measurements
- Calibration protocol
- Custom programmable print header
- Rubber boot with built-in magnet
- Manual
- Worklight
- 4-line, backlit LCD display
- Flue gas sampling probe
- IR interface
- Printout with date and time
- Integrated condensation trap
- 4 x AA batteries
- Low battery indicator

ACCESSORIES

- Carrying case
- AC adapter
- Soot pump
- IR printer

TECHNICAL DATA

PARAMETER		RESOLUTION	MEASURING RANGE
Oxygen	O2	0.1 %	0-20.9%
Carbon Monoxide	CO	1 ppm	0-4000ppm
Carbon Dioxide	CO2	0.1 %	0-30%
Efficiency	ETA	0.1 %	0-99.9%
Excess Air	Lambda	0.1%	0-250%
Flue gas temperature	TG	1 °C	0-1315°C
2nd temperature	T2	1 °C	0-1315°C
Net temperature	ΔT	1 °C	0-1315°C
Differential pressure	ΔP	0.01mbar	±80mbar

Fuels: Natural Gas, Light Oil, Propans, Butans, LPG
 Gas sampling probe: Sheath length 200mm, hose 2,5m
 Measuring units: ppm, mg/m3
 Operating temperature: 0-40°C; 10-90% RH, non condensing
 Batteries: 4x AA batteries; 12 hours
 Dimensions in mm: 200 x 45 x 90
 Weight in kg: 1

IM1000-3 **O2, CO** **Art. No. 10003**
 3 years limited warranty / sensors 2 years

IM1000-3 SETS



IM1000-3-SET	IM1000-3, gas sampling probe, rubber boot with built-in magnet, IR printer, temperature probe type K, carrying case, AC adapter
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IM1000-3 K-SET	IM1000-3, gas sampling probe, rubber boot with built-in magnet, IR printer, temperature probe type K, carrying case, AC adapter, IR thermometer INF155, Gas leak detector CD100, soot pump
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All measuring instruments can be bought separately as well.

GAS LEAK DETECTOR CD100A

- 45cm long, flexible gooseneck with tip light in sensor cover
- Adjustable tick rate
- Audible and optical alarm
- Low weight
- Protective rubber boot
- Earphone jack

INFRARED-THERMOMETER INF155

- Temperature -50 to 400°C, Resolution 0.1°C; Distance to spot ratio 10:1
- MAX-Hold
- Auto power off
- Carrying case
- Backlit display
- Comfort grip handle

IM Environmental Equipment Germany GmbH reserves the right to adopt technical modifications without prior notice.