



IM1000-1/-2

GAS ANALYSIS MADE EASY

The IM 1000-1/-2 is a high quality combustion analyzer. It is a solution for technicians working to set and maintain optimum efficiencies for boilers or furnaces. Equipped with a new improved user-friendly interface as well as a DMM style rotary selector, a real time clock and a magnet built-in to the boot, it captures and calculates data with professional accuracy and ease. The IM1000-2 has an additional CO sensor (CO).



MEASURED PARAMETERS

- Oxygen O2
- Carbon monoxide CO (IM1000-2)
- Flue gas temperature

CALCULATED VALUES

- Combustion efficiency
- Excess air
- Carbon dioxide CO2
- Carbon monoxide pure COu (IM1000-2)

The IM1000-1/-2 comes complete with softcase and gas sampling probe.

FEATURES

- Analyser IM1000-1 or IM1000-2
- Memory for 20 measurements
- Calibration protocol
- Custom programmable print header
- Rubber boot with built-in magnet
- Manual
- 2-line, backlit LCD display
- Gas sampling probe
- IR interface
- Printout with date and time
- Integrated condensation trap with filter
- 4 x AA Batteries

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	0-600°C
Net temperature	ΔT	1 °C	0-600°C

Fuels: Natural Gas, Light Oil, Propane, Butane, 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

IM1000-1 **O2** **Art. No. 10001**
IM1000-2 **O2, CO** **Art. No. 10002**

3 years limited warranty / Sensors 2 years



IM1000-2 SETS



IM1000-2-SET	IM1000-2, gas sampling probe, rubber boot with built-in magnet, IR-printer, carrying case, AC adapter
IM1000-2-RSET	Same as IM1000-2-SET, but with soot pump and differential manometer EM 201
IM1000-2-KSET	Same as IM1000-2-RSET, but with IR-thermometer INF155 and gas leak detector CD100A

All measuring instruments can be bought separately as well.

GAS LEAK DETECTOR CD100A	
<ul style="list-style-type: none"> ○ 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	
<ul style="list-style-type: none"> ○ 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 	
DIFFERENTIAL MANOMETER EM201	
<ul style="list-style-type: none"> ○ Dual input manometer ○ Measuring range -100mbar to +100mbar ○ Protective rubber boot with built-in magnet ○ Min/Max/Hold 	

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