

NEW COMBUSTION GAS ANALYZER NEW

IMR 1100-1/-2

IMR 1100

Hand held pocket size stack gas analyzer for combustion tests on boilers, burners, etc.

- Small and rugged
- Easy to operate
- Light weight
- Infrared interface for printer
- Protective boot with integral magnet
- Large backlit, triple display
- Reliable Technology
- Easy to service
- Memory for 99 measurements

Measured parameters:

- Oxygen O₂
- Carbon Monoxide CO
- Flue-gas temperature
- Draft measurement (optional)

Calculated values:

- Combustion Efficiency
- Excess Air
- Carbon Dioxide
- CO Air free (corrected to 0% O₂)

**STANDARD**

- | | | |
|---|--|---|
| <ul style="list-style-type: none"> ☑ Enclosure:
Rugged plastic case with protective boot and magnet ☑ LCD:
Three lines ☑ Sensors:
1100-1: O₂
1100-2: O₂, CO | <ul style="list-style-type: none"> ☑ Fuels:
4 programmed ☑ Measuring units:
ppm, mg/m³ ☑ Service program:
Check of all values ☑ Zero point calibration:
Max. 60 seconds | <ul style="list-style-type: none"> ☑ Battery:
> 8 hrs ☑ Languages:
English, German, French ☑ Condensation trap:
Integrated filter ☑ Power Supply:
4 x AA |
|---|--|---|



Environmental Equipment, Inc.

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PARAMETER	Principle	Resolution	Accuracy	Range	Standard	
O ₂	Oxygen	Electro-chemical	0.1 Vol. %	± 0.2 Vol. %	0-20.9 Vol. %	✓
CO	Carbon Monoxide	Electro-chemical	1 ppm	± 5%	0-2,000 ppm	1100-2
COu	CO Air free	Calculation	1 ppm	± 5%	0-2,000 ppm	1100-2
TG	Flue-gas temp.	Type K	1 °F/°C	± 2%	32-1112°F 0-600°C	✓
TN	Temp. (Net)	Calculation	1 °F/°C	± 0.3%	32-1112°F 0-600°C	✓
TA	Ambient temp.	Semiconductor	1 °F/°C	± 0.3%	32-212°F 0-100°C	Optional
P	Pressure / Draft	Solid state	0.01 in. WG 1 hPa	± 1%	0-20 in. WG 0-100 hPa	Optional
CO ₂	Carbon Dioxide	Calculation	0.1 Vol. %	± 0.3%	0- CO2max	✓
ETA	Efficiency	Calculation	0.1%	± 1%	0-99.9%	✓
λ	Excess Air	Calculation	0.1	± 2%	0-250%	✓

Operating temperature: 32°F-104°F / 0°C-40°C (10-90% RH, non-condensing)
Storage:- 4°F-122°F / -20°C-50°C
Dimensions: 8" x 2" x 3.5" / 200mm x 45mm x 90mm
Weight: 2.2lb. / 1kg

Other ranges are available upon request

OPTIONAL ACCESSORIES

AC adapter	11002-AC
Infrared printer	11002-PR
Gas sampling probe	11002-GASP
Soft carrying case	11002-SCAR
Hard carrying case	11002-HCAR
Pressure / Draft measurement	11002-PRE
Ambient temperature probe	11002-ATEM

STANDARD

Combustion gas analyzer
Condensation trap with integrated filter
Operating manual
4 x AA batteries
Calibration certificate

Distributor:

MODEL	Part-No.
IMR 1100-1 O ₂	11001
IMR 1100-2 O ₂ , CO	11002

IMR Environmental Equipment, Inc. reserves the right to adopt technical modifications without prior notice.

THE PRIDE OF THE COMPANY - MADE IN USA -

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