

COMBUSTION GAS ANALYZER

IMR 2800 P

THE ALL NEW IMR 2000 / 2800

NEW FEATURES OF THE 2000-Series

- Latest sensor technology for a more accurate measurement and longer life time
- Improved interior design for easier service and better unit protection
- Measures / calculates optional up to 6 gases
- Larger display for better reading
- More memory



STANDARD FEATURES

- Portable combustion gas analyzer housed in a rugged aluminum case
- Simultaneous measurement of

O ₂	Oxygen	NO ₂	Nitric dioxide (IMR 2800)
CO	Carbon Monoxide	SO ₂	Sulfur dioxide
NO	Nitric oxide	TG	Flue-gas temperature
TA	Ambient Air temperature		
- Calculation of following parameters

Losses		
Excess Air	CO ₂	Carbon Dioxide
- 23 Fuels are programmed – 4 fuels are programmable
- Automatic zero calibration
- Integrated self-check program
- Simultaneous display of 6 parameters on the illuminated display
- Printer with programmable print out cycles
- Standard deviation and average value calculation
- Draft measurement
- Unit selection : ppm - mg - mg(ref O₂)
- Gas sampling probe E – length 0.8 ft , hose 8 ft
- Rechargeable battery with charger
- Power supply 110V or 230V

OPTIONAL FEATURES

- ◆ HC or H₂S-measurement
- ◆ Prepared for high temperature measurement (up to 2732 °F)
- ◆ Gas sampling probes with different lengths
- ◆ Soot measurement



Environmental Equipment, Inc.

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IMR 2000 / 2800**



PARAMETER	PRINCIPLE	RESOLUTION	ACCURACY	RANGE	STANDARD
O₂ Oxygen	Electro-chemical cell	0.1 Vol.%	± 0.2 %	0-20.9Vol. %	✓
CO Carbon monoxide	Electro-chemical cell	1 ppm	5 %	0-2000/4000ppm	✓
NO Nitric oxide	Electro-chemical cell	1 ppm	5 %	0-2000 ppm	✓
NO₂ Nitric dioxide	Electro-chemical cell	1 ppm	5 %	0- 100 ppm	IMR 2800
SO₂ Sulfur dioxide	Electro-chemical cell	1 ppm	5 %	0-4000 ppm	✓
H₂S Hydrogen Sulfide	Electro-chemical cell	1 ppm	5 %	0- 200 ppm	
HC Hydrocarbons	Sensor	0.1%	5 %	0-100% LEL	
TG Flue gas temperature	NiCr-Ni thermocouple	1 K	± 2 %	-4°F / 2192°F	✓
TA Air temperature	Semiconductor	1 K	± 0.5 K	-4°F / 248°F	✓
P Draft	Solid state	0.004" H ₂ O	± 2 %	- 12" / 20" H ₂ O	✓
CO₂ Carbon dioxide	Calculation	0.1 Vol.%	± 0.2 %	0- CO ₂ max	✓
Losses	Calculation	1 %	± 0.5 %	0-999 %	✓
Excess Air	Calculation	1 %	± 2 %	0-999 %	✓
Soot	Filter paper method				

*Other measurement ranges are available upon request
Equipped with max 6 sensors*

MODEL	PART-NO.
IMR 2000	IMR 20000
Dimensions (inch): 15 x 6.5 x 12.4	
Weight: 16 lbs. (7.5 kg)	
IMR 2800	IMR 28000
Dimensions (inch): 15 x 6.5 x 12.4	
Weight: 17 lbs. (8 kg)	



Represented by:

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

THE PRIDE OF THE COMPANY - MADE IN USA -