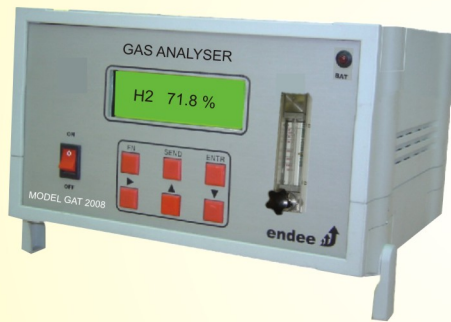


# PORTABLE GAS ANALYSER

**A COMPACT RUGGED & INTELLIGENT INSTRUMENT  
BASED ON IR / TCD / EC PRINCIPLE OF ANALYSIS**



**GAT 2008**



**GAP 2008**

Its Simple Automatic Operation, Continues Measurement & Digital Display of All or Any Selected Gas & Derived Parameters makes it a Valuable aid for On-Site Instant Analysis & Follow up Action.

Its Data Logging & Computer Interface Features Can be used For Further Detailed Analysis in the Laboratory.

## SPECIAL FEATURES

- Complete Automatic Operation.
- Self Diagnostic Check.
- Proven Sensor Technology.
- Continuous, Stable Alphanumeric Display.
- Inbuilt Suction Pump.
- Long Life Rechargeable Batteries.
- Data Logging & RS 232 Output Capability.
- Intrinsically Safe.

## APPLICATION

- Process & Quality Control.
- Fuel Combustion Optimization.

## OPERATION

- On Start Up the Instrument Automatically Goes Through Complete Self Integrity Check, Calibration Check on Demand.
- The Press of Sampling Switch Initiates the Sampling Through Inbuilt Suction Pump & Digitally Display the Results.

### SPECIFICATIONS

Display	:	Alphanumeric LCD 2X16
Sampling	:	Direct Plug In, Suction Optional
Calibration	:	Automatic Zero & Span With Calibration Gases
Response Time	:	<10 Sec. @ 95% Variant
Power Supply	:	Internal Ni-Cad Battery Or 220V DC
Working Temperature	:	-5 deg.C to 55 deg.C
Storage Temperature	:	-20 deg.C to 45 deg.C
Case	:	High Impact Plastic
External Dimension	:	160X95X30 mm Approximately GAP 2008 235X198X95 mm Approximately GAT 2008
Weight	:	390 Gm (With Battery) GAP 2008 2 Kg. Approximately GAT 2008
Output	:	Digital 0-1v Analog
Accessories	:	Battery Charger, Operation Manual

### MEASUREMENT RANGE

PARAMETER (Maximum 4)	SENSOR	RANGE (Nom/max)	RESOLUTION	ACCURACY
O <sub>2</sub>	Electrochemical Paramagnetic / Zirconium	0-25% / 100%	0.1%	0.5%
CO <sub>2</sub>	TCD / IR	0-100%	0.1%	0.5%
H <sub>2</sub>	TCD	0 / 100%	0.1%	0.5%
CH <sub>4</sub>	TCD / IR	0 / 100%	0.1%	0.5%
N <sub>2</sub>	TCD	0 / 100%	0.1%	0.5%
Ar	TCD	0 / 100%	0.1%	0.5%
Hydrocarbons CxHx	TCD / IR	100%	0.1%	0.5%

### ORDERING INFORMATION



**The above Parameter and Ranges are only indicative. Endee will build up and supply the analyser with Parameters, range and features to any Practical Configuration.**

Note : Specifications and Features will vary with application. The above are established and validated during design, but are not to be construed as test criteria for every product. Due to endee's commitment to research, design and product improvement, specifications are subject to change without notice.