



Certified By  
**TUVINDIA**



## PORTABLE GAS MONITOR

**COMPACT, LIGHT WEIGHT UNIT WITH APPLICATION SPECIFIC SENSORS SENSITIVE TO PPM LEVELS OF GASES**



**94 Series**

## 94 SERIES

### Personal Gas Monitor

The advanced micro-controller technology makes these ALERT METERS dependable, reliable, and accurate. The complete automatic operation and calibration feature leaves no scope for user error. These compact, self-contained instruments, housed-in high-impact plastic case, are powered by rechargeable Li-ion batteries.

On switching 'ON', the instrument goes through its complete self integrity check and displays. While in operation, the instrument monitors the work place continuously, giving the latest updated concentration of designated gas through diffusion sampling.

The poison-resistant Pellister or long-life, integrally mounted electrochemical sensors with inbuilt cross-interference filters are gas-specific. Optionally, the sensors can be mounted on an extension cable for monitoring inaccessible locations before entry.

### SPECIAL FEATURES

- Complete automatic operation.
- Graphic LCD display
- Diffusion
- Display of WARN & ALARM
- Low battery alarm

### APPLICATIONS

- Fertilizer plants
- Oil and gas industries
- Biogas manufacturing plants
- Clean rooms
- Chemical industries
- Beverage industries
- Firefighters/Emergency response teams

*Note : Images shown are indicative only. Specifications and Features will vary with application. There may be changes overtime due to continuous development process. @ 2026*



### ENDEE ENGINEERS PVT. LTD.

**Works :** D/122, Ansa Industrial Estate, Saki-Vihar Road, Saki-Naka, Andheri (E),  
Mumbai - 400 072, Maharashtra, India. | Tel.: +91-22-4295 2180 / 81

Email : sales@endee-engineers.com

Website : www.endee-engineers.com

## SPECIFICATIONS

Type	:	Portable / handheld
Detectable gases / parameters	:	Toxic, Explosive, Oxygen
Electronics / processor	:	Micro-controller based
Power supply	:	Rechargeable battery
Display	:	Graphic LCD
Alarm	:	Audio-Visual alarm
Digital output (optional)	:	USB, Data logger (optional)
Technology	:	Sensor specific
Range	:	%V/V, %LEL, PPM
Resolution	:	1% LEL, 1 PPM, 0.1% V/V
Accuracy	:	±0.5% of FS for O2 & ± 2 % of FS for other gases
Response time	:	< 10 Sec
Operating temperature	:	0 - 55 °C
Sampling	:	Diffusion
Housing	:	ABS plastic enclosure
Accessories	:	1. Carrying case, Charger 2. Calibration adapter (Optional)
Sensor Life	:	12-24 months
Measurement	:	Continuous
External dimension	:	155 X 80 X 30 mm Approx.
Weight	:	Approx. 350gms with battery

## GASES AND RANGES

01. H <sub>2</sub>	:	0-100	%LEL	08. NO <sub>2</sub>	:	0-20 / 0-200	PPM
02. CO <sub>2</sub>	:	0-10	%V/V	09. NO	:	0-10 / 0-1000	PPM
03. H <sub>2</sub> S	:	0-50 / 0-500	PPM	10. C <sub>2</sub> H <sub>4</sub>	:	0-100 / 0-500	PPM
04. O <sub>2</sub>	:	0-25	%V/V	11. SO <sub>2</sub>	:	0-20 / 0-2000	PPM
05. NH <sub>3</sub>	:	0-500	PPM	12. NO <sub>x</sub>	:	0-1999	PPM
06. Cl <sub>2</sub>	:	0-5	PPM	13. HC	:	0-100	%LEL
07. CO	:	0-500/0-4000	PPM				

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