

## PORTABLE GAS MONITOR

COMPACT, LIGHT WEIGHT INTELLIGENT UNIT WITH APPLICATION SPECIFIC SENSORS  
SENSITIVE TO PPB/PPM LEVELS OF GASES & VAPORS



## 94 SERIES

### PERSONAL GAS MONITOR

The advanced micro controller technology employed makes these ALERT METERS highly dependable, reliable and accurate. The complete automatic operation and calibration feature leaves no scope for user error. These compact, self contained instrument housed in a weather proof, high impact plastic case are powered with a replaceable Li-ion batteries.

On switching 'ON', the instrument goes through its complete self integrity check, and displays factory set 'Warn' and 'Alarm' values, before indicating 'Ready' for monitoring. While in operation, the instrument monitors the work place continuously, giving the latest updated concentration of designated gas through diffusion sampling. Suction sampling is possible with an optional manual or battery operated pump and adapter. 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 / Sampling mode
- Display of WARN & ALARM
- Low battery alarm

## SPECIFICATIONS

Type	: Portable
Detectable gases / parameters	: Toxic, Explosion, Oxygen
Electronics / processor	: Micro-controller
Power supply	: Li-ion Batteries
Display	: Graphic LCD display
Alarm	: Audio visual
Output	: USB, Data logger
Technology	: Sensor specific
Resolution	: 1 %V/V, 1 %LEL, 1 PPM, 1 PPB
Accuracy	: ± 2% for other gases & ± 0.5 % for oxygen
Response time	: Less than 15 sec
Operating temperature	: 0 - 55 °C
Sampling / input	: Diffusion / auto suction
Housing / case	: Hi impact plastic
Included accessories	: Leather carry case, charger
Optional accessories	: Calibration adapter
Industries	: Petrochemicals, pharmaceutical, process industry, labs
Sensor life	: 3 - 5 years
Measurement	: Continuous
Size	: 119 (H) x 80 (L) x 25 (B) mm
weight	: 135 gm
Warranty	: 1 year

## GASES & RANGES

1. H <sub>2</sub>	: 0-5 / 0-100	%V/V	8. NO <sub>2</sub>	: 0-20 / 0-200	PPM
2. CO <sub>2</sub>	: 0-10	%V/V	9. NO	: 0-10 / 0-1000	PPM
3. H <sub>2</sub> S	: 0-50 / 0-500	PPM	10. C <sub>2</sub> H <sub>4</sub>	: 0-100 / 0-500	PPM
4. Oxygen	: 0-25 / 0-100	%V/V	11. CO <sub>2</sub>	: 100	%V/V
5. NH <sub>3</sub>	: 0-500	PPM	12. SO <sub>2</sub>	: 0-20 / 0-2000	PPM
6. Chlorine	: 0-5 / 0-500	PPM	13. NO <sub>x</sub>	: 0-1999	PPM
7. CO	: 0-500 / 0-4000	PPM	14. Hydrocarbon	: 0-100	%LEL

Note : Images shown are indicative only. Specifications and Features will vary with application. There may be changes overtime due to continuous development process.  
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## ENDEE ENGINEERS PVT. LTD.

Office & 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