

MINI ALERT METERS

(TOXI, OXY, EXPLOSIMETERS)



Compact, Light Weight Intelligent Unit with a broad spectrum of features to detect Toxic, Explosive gases and Oxygen deficiency

SPECIAL FEATURES

- Complete Automatic Operation
- Alpha numeric Digital Display
- Continuous Diffusion Sampling
- Confidence Beep every 15 seconds
- Complete self Integrity check on start
- Automatic Calibration
- Display of WARN & ALARM Settings
- Low battery Alarm
- User replaceable 9V DC Battery
- Intrinsically safe



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 and intrinsically safe instruments are housed in a weather proof high impact plastic case and are powered with replaceable 4X1.2V Dc battery.

On switching 'ON', the instrument goes through a complete self integrity check, 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 update concentration of designated Gas using through diffusion sampling. Suction sampling is possible with an optional manual or battery operated pump and adaptor. 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 check the concentration level before entry.

The instruments emits an audible beep every 15 secs that provides confidence to the user that he is well protected. Audio, Visual Warn and Alarms protect him from hazardous situations.

The Warn and Alarm Values are factory set. Low Battery Alarm alerts the user to replace or recharge the Battery. Special features like maximum exposed concentration and TWA readings can be incorporated optionally.

SPECIFICATIONS

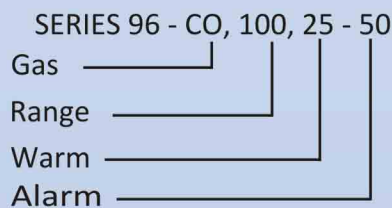
Sampling Method :	Diffusion
Principle :	Electrochem for Toxic & Oxygen; Pellister for Combustible.
Sensor Life :	2 - 3 years electrochemical and 5 years for pellister
Measurement :	Continuous.
Readout :	Alpha Numeric LCD.
Resolution :	0.1 or 1 PPM / % as applicable.
Accuracy :	+/- 2 % & 0.5% for oxygen.
Repeatability :	+/- 1 %.
Response Time :	< 10 seconds at 95 % variation.
Alarms :	Low & HI Visual and Audible (Different Tones).
Low Battery Alarms :	Audio & Visual.
Power Supply :	Standard 4x1.2V Dc
Battery Life :	6 to 8 hours.
Housing :	High Impact Plastic. (ABS)
Size & Weight :	119(H) X80(L) X 25(D); 200 GM.
Temperature Range :	0 - 55° C.
Warranty :	One year.

GASES DETECTED AND RANGES

1. CO	0 - 500/4000 PPM	10. HCl/HF	0 - 3/100 PPM
2. H ₂ S	0 - 50/2000 PPM	11. HBr	0 - 10/100 PPM
3. SO ₂	0-20/500 PPM	12. HCN	0 - 10/100 PPM
4. NH ₃	0 - 50/200 PPM	13. PH ₃	0 - 5/ 20 PPM
5. NO	0 - 50/2000 PPM	14. COCl ₂	0 - 1 PPM
6. NO ₂	0 - 3/100 PPM	15. H ₂	0 - 500PPM / 5%V
7. Cl ₂	0 - 3/2000 PPM	16. ORG. Vap.	0 - 10/1000 PPM
8. O ₂	0 - 25/100%	17. Comb Gases	0 - 100 % LEL
9. Br ₂ / FS	0 - 3/100 PPM		

Gases and Ranges are only indicative . Contact Endee for special gas/ vapour or range

ORDERING INFORMATION



OTHER RANGE OF PRODUCTS

Gas Monitor, Gas Analyser, Transmitters, Humidity Moisture Dew Point Analyser
Dew Point Transmitters, Sampling Systems, UV Flame Detector
Dust Monitor

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.



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