



ESTD. 1990

TECHNOVATION ANALYTICAL INSTRUMENTS PVT. LTD.

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SERIES 2005 A MULTIGAS PERSONAL SAFETY MONITOR

THE INSTRUMENT

The SERIES 2005 is a microprocessor based, handheld, convenient & portable multi gas monitor designed for the monitoring of four gases % OXYGEN, ppm CARBON MONOXIDE, ppm HYDROGEN SULPHIDE & % LEL of a COMBUSTIBLE GAS. It is fitted with highly reliable and reputed sensors. These sensors are mounted in diffusion mode. The instrument works on disposable dry batteries. Optionally chargeable battery can be provided. The instrument is capable of SAMPLING, VIEWING and DATA LOGGING of INSTANTANEOUS VALUE, STEL AND TWA readings. Logged data can be downloaded to a computer for printing or storage along with the date and time of the readings. Two Alarms, both audible and visual are provided

FEATURES

- Sensors mounted in diffusion mode
- Real time data logging
- Viewing of Peak & Excursion values
- 16 X 2 alphanumeric display with backlight.
- Two alarms both audio and visual
- Combustible gas selection is programmable
- Combustible gas displayed as % LEL or %V/V

APPLICATIONS

All concerned are aware of the need for environmental monitoring in the workplace atmosphere especially where pollutants or toxic gases are encountered. Levels of concentration of toxic gases above the Occupational Exposure Limit lead to problems of health and safety of personnel. Oxygen deficiency and combustible gases could also lead to safety hazards

STANDARD SPECIFICATIONS

Display	: 16 X 2 Alphanumeric backlit wide-angle viewing. Contrast programmable
Gas Alarms	: Two Alarms per gas, both audible and visual, users settable through the range.
Low Battery	: Indication provided
Power	: 6 Nos 1.5 V AA cells
Data logger	: Instantaneous, STEL, TWA readings stored. Excursion & peak readings also

RELIABLE & LOW COST



TECHNOVATION® SR 2005

GAS MEASURING RANGES

Oxygen	: 0-25 % with 0.1 % steps
Carbon-monoxide	: 0-1000 ppm with 1 ppm steps
Hydrogen Sulphide	: 0-100 ppm with 0.1 ppm steps
Combustible Gas	: 0-100% LEL with 1% LEL steps
Accuracy	: ± 5%
Principle	: O ₂ , CO, H ₂ S by EC sensor % LEL by Catalytic pellistor
Sensor life	: Two years expected
Relative Humidity	: 5 - 95 % RH non-Condensing
Weight	: 400 gms approximately
Size	: 150 X 100 X 50 mm
Case	: Robust ABS with belt clip
Calibration by	: Certified Gas or sensor O/P
Sampling	: Diffusion mode

ACCESSORIES

Manual, Carrying case, flow thru cap, tubing

OPTIONS

- Less than four gases
- % CO₂ or Other gases on request.

OPTIONS EXTRAS

Rechargeable Battery with battery-charger
Communication-USB for connection to PC.