



TECHNOVATION Analytical Instruments Pvt.Ltd

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CERT. NO. 217910

SERIES 87 PERSONAL SAFETY POCKET SIZE ALARMS

THE INSTRUMENT

SERIES 87 offers personal gas alarms which are handheld. The instruments work on a 9 volts disposable dry cell. They have two alarms both audible and visual and low battery indication. SERIES 87 are fitted with highly reliable & reputed electrochemical sensors

FEATURES

- Two Audible & Visual Alarms, Settable by the user either high or low. Set level viewable
- Digital display , easy to read and operate.
- Small , Light-weight, Compact and Rugged.
- Works on disposable 9 V Dry cell.
- Electrochemical Sensors of repute & reliability

APPLICATIONS

Everyone, nowadays is 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 & safety of personnel. Oxygen deficiency of breathing air in closed vessels & confined places is another personal hazard. For applications concerned with personnel safety, an instrument is usually required to signal alarms at two levels - the Short Term (STEL) and Long Term (TWA) Exposure Limits. These limits are the responsibility of different bodies, so the precise level and definition of each varies.

TECHNOVATION SAFETY GAS ALARM POCKET-SIZE & CONVENIENT



TECHNOVATION® MODEL SERIES 87 STANDARD SPECIFICATIONS

Display	: 3 ½ digit LCD
Size	: 13 X 7 X 4.5 CM
Weight	: 250g. approx.
Power	: 9 V Cell PP3 type
Case	: Robust ABS Antistatic.
Low Batt	: Low Batt alarm LED provided
Operating Temp.	: 0 - 50°C.
Calibration	: By calibration gas or factory set

ACCESSORIES

Flow-thro' cap, Hand aspirator-bulb and Carrying case.

OPTIONS (To be specified while ordering)

- External sensor mounted at the cable end up to 6meters
- With belt-clip & neck-strap

GAS	RANGE	RESOLUTION	STEL	TWA	T (90) SECONDS
O ₂	0 - 25 %	0.1 %	-	-	< 20 SEC
CO	0 - 1000 PPM	1 PPM	400	50	< 35 SEC
H ₂ S	0 - 100 PPM	0.1 PPM	10	5	< 60 SEC
SO ₂	0 - 20 PPM	0.1 PPM	4	2	< 30 SEC
CL ₂	0 - 50 PPM	0.1 PPM	1	.5	< 80 SEC
NO ₂	0 - 50 PPM	0.1 PPM	5	3	< 30 SEC
HCN	0 - 30 PPM	1 PPM	10	-	< 80 SEC
H ₂	0 - 1 %	0.01 %	-	-	<70 SEC
PH ₃	0 - 1 PPM	0.01 PPM	-	3	< 100 SEC
NH ₃	0 -100 OR 1000 PPM	1 PPM	35	25	< 100 SEC
OTHER GASES AND RANGES ON REQUEST					