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**TECHNOVATION ANALYTICAL INSTRUMENTS PVT. LTD.**

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Cert. No. QMS0720020347

**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

**TECHNOVATION SAFETY GAS ALARM**



**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

**TECHNOVATION® SR 87**

**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.

**STANDARD SPECIFICATIONS**

- Display : 3 1/2 digit LCD
- Size : 13 X 7 X 4.5 CM
- Weight : 250 gms. 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**

Operation Manual, Flow-thro' cap, Hand aspirator-bulb, and Carrying case, Cal Screwdriver.

**OPTIONS EXTRA** (To be specified while ordering)

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

GAS	RANGE	RESOLUTION	STE L	TWA	T (90) SECONDS
O2	0 - 25 %	0.1 %			< 20 SEC
CO	0 - 1000 PPM	1 PPM	400	50	< 35 SEC
H2S	0 - 100 PPM	0.1 PPM	10	5	< 60 SEC
SO2	0 - 20 PPM	0.1 PPM	4	2	< 30 SEC
CL2	0 - 50 PPM	0.1 PPM	1	.5	< 80 SEC
NO2	0 - 50 PPM	0.1 PPM	5	3	< 30 SEC
HCN	0 - 30 PPM	1 PPM	10		< 80 SEC
H2	0 - 1 %	0.01 %	-	-	<70 SEC
NH3	0 -100 OR 1000 PPM	1 PP M	35	25	< 100 SEC

**OTHER GASES AND RANGES ON REQUEST**