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## TECHNOVATION ANALYTICAL INSTRUMENTS PVT. LTD.

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ISO 9001:2015

UNICERT  
ISO 9001



Cert. No. QMS0720020347

## SERIES 2000 A LIGHTWEIGHT PERSONAL MONITOR

### THE INSTRUMENT

The TECHNOVATION MODEL SERIES 2000 IS A PERSONAL SAFETY MONITOR which is small, lightweight, versatile, monitoring any one gas from the table below. It weighs less than 210 grams and 10 x 7 x 3.5 cm in size. It is durable and hardy enough for use in harsh environments meeting the standards of Environmental Tests under IS:13109.

### FEATURES

- 'Zero' & 'Cal. ' are software programmable for ease of operation
- Two Alarm Levels each with flashing LED and pulsating beeps
- Alarm LED steady if silenced and off when below set-point limits
- Automatic shutdown if in absolute 'Low Battery' condition
- voltage power status viewable with early 'Low- Batt' warning
- STEL, TWA readings are stored and peak values are viewable
- LED Indication for Menu Operation.
- LCD display & confidence beep
- All parameters are set using keys on front face

### APPLICATIONS

These instruments find uses in personal safety applications within factories, plants, governmental organisations, research institutions and the likes.

### STANDARD SPECIFICATIONS

Range & Gas : Any one from the table. Other gases on request

### A COMBINATION OF UNCOMMON BENEFICIAL FEATURES



### TECHNOVATION® SERIES 2000

#### STANDARD SPECIFICATIONS CONTINUED

- Display : 31/2 LCD, 12 mn High
- Working temp : 0 – 50 °C
- Accuracy : ±2% at constant temperature
- Size & Wt : 10 x 7 x 31 cm & 210 gm
- Sensor type : Electrochemical
- Expected life : Two Years
- Case : Robust ABS with belt clip
- Alarms (Two) : Both visual & audible. Alarms settable throughout range
- Power : 4 nos x 1.5 volts, AAA dry cells
- Power alarm : Early 'Low-Batt' warning. When absolutely low - auto shut-off
- Accessories : Carrying case, flow-thru cap rubber tube & user manual
- Optional Extras : Case over monitor

GAS	RANGE	RESOLUTION	GAS	RANGE	RESOLUTION
CO	1000 ppm	1 ppm	HCN	30 ppm	0.1 ppm
H <sub>2</sub> S	100 ppm	0.1 ppm	O <sub>3</sub>	1 ppm	0.01 ppm
SO <sub>2</sub>	20 ppm	0.1 ppm	PH <sub>3</sub>	1 ppm	0.01 ppm
CL <sub>2</sub>	50 ppm	0.1 ppm	O <sub>2</sub>	25 %	0.1 %
NO <sub>2</sub>	50 ppm	0.1 ppm	NH <sub>3</sub>	100 or 1000 ppm	1 ppm
H <sub>2</sub>	0.5 %	10 ppm	COCL <sub>2</sub>	1 ppm	0.01 ppm
A <sub>3</sub> H <sub>3</sub>	1 ppm	0.01 ppm	N <sub>2</sub> H <sub>4</sub>	1 ppm	0.01 ppm