



## TECHNOVATION Analytical Instruments Pvt.Ltd

OFFICE :204 Deccan Court, 259 S.V. Road, Bandra (W), Mumbai-400050  
 Tel : 91-22-2641 3288 • Fax : 91-22-2643 1585 • E-mail : [taipl@vsnl.com](mailto:taipl@vsnl.com)  
 • Website: [www.technovationindia.com](http://www.technovationindia.com) [www.indiamart.com/technovation](http://www.indiamart.com/technovation)  
 FACTORY: W-312 13 TH Cross road M.I.D.C Rabale, Navi Mumbai . 400701.

Certified ISO 9001: 2000 by



CERT. NO. 217910

## SERIES 99 - OL $\mu$ P BASED ON-LINE GAS MONITOR THE INSTRUMENT

The TECHNOVATION SERIES 99-OL range of monitors are based on solid state sensors and offer a cost effective solution to gas monitoring, where exact ppm readings are not required but only a range indication is sufficient. The ten different colored LEDs display offers good readability of the measured gas for simple, easy and user friendly operation.

It is  $\mu$ P based and has a sensor at the end of a cable that makes it feasible to conveniently measure sample gas manifolds or air conditioning ducts or a room while the instrument is mounted up to a distance of 10 m away from the sensor.

SERIES 99 are fitted with highly reliable & reputed Solid State sensors. The complete list of gases offered and their detection ranges is given below. Any one gas can be measured.

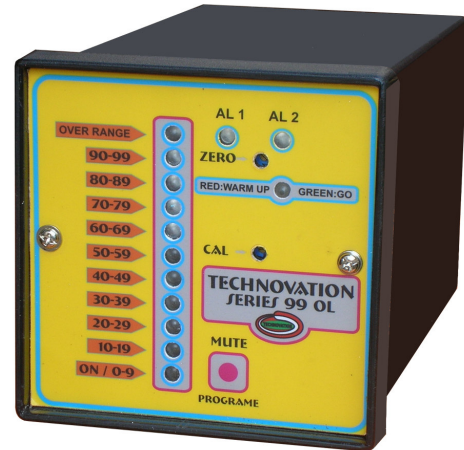
### FEATURES

- $\mu$ P based , just three key operation.
- 2 Alarm LEDs and audible buzzer
- Confidence flash provided
- Sensor in diffusion mode
- Quick and stable response to VOCs
- Easy to operate by any one
- Solid state sensor- long life
- Recorder output 0-1 V
- Quick warm up time and Warm up indication

### APPLICATIONS

Used in emission monitoring & ambient monitoring in the workplace atmosphere where pollutants or toxic gases are encountered not for critical components in life support applications.

## LOW COST & DEPENDABLE WITH SURE AFTER SALES SERVICE



## TECHNOVATION® SERIES - 99 OL

### STANDARD SPECIFICATIONS

- |                   |   |
|-------------------|---|
| Range & Gas       | : As per table below  |
| Sensor type       | : Solid state   |
| Sensor mounting   | : At end of cable 10 m Max  |
| Display           | : 10 LEDs with 3 colors   |
| Sensor warm up    | : Indication provided   |
| Size & Weight     | : 98x98x100 mm depth. 1 kg.   |
| Operating Temp    | : 0 to 45°C   |
| Calibration       | : By certified calibration gas                                      |
| Zero              | : By Zero grade AIR   |
| Sampling          | : Diffusion mode.   |
| Operation         | : Continuous  |
| Alarms            | : Two audible & visible.  |
| Alarm relay       | : One set NO, C, NC contact of 50 VA rating provided for each alarm |
| Power Supply      | : 220 VAC 50 Hz 1 Phase   |
| Panel cutout size | : 90 x 90 mm  |
| Recorder Output   | : 0-1 V, 0 to full range chosen                                     |
| Cable             | : 4 core 23/36 swg shielded   |

APPLICATION	TARGET GAS	TYPICAL DETECTION RANGE
Combustible Gas Detection	Butane/ LPG Gas	500 ppm to 10,000 ppm
	Methane / Natural Gas	500 ppm to 10,000 ppm
Solvent Vapor Detection	Alcohol & Organic Solvents	50 ppm to 5000 ppm
Toxic Gas Detection	Hydrogen sulphide	5 ppm to 100 ppm
Air Quality Control	Air Contaminants (VOC)	1 ppm to 100 ppm
Air Quality Control	Ozone	10 ppb to 2 ppm