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TECHNOVATION ANALYTICAL INSTRUMENTS PVT. LTD.

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ISO 9001:2015



Cert. No. QMS0720020347

**SERIES 99 - OL pP 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 pP 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.

**LOW COST & DEPENDABLE
WITH SURE AFTER SALES SERVICE**



TECHNOVATION" SERIES -99 OL

STANDARD SPECIFICATIONS

FEATURES

- pP 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

- 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

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.

APPLICATION	TARGET GAS	TYPICAL DETECTION RANGE
Combustible Gas Detection	Butane/ LPG Gases	500 ppm to 10,000 ppm
	Methane / Natural Gas	500 ppm to 10,000 ppm
Solvent Vapor Detection	Alcohol & Organic Solvent	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