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TECHNOVATION ANALYTICAL INSTRUMENTS PVT. LTD.

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Cert. No. QMS0720020347

SERIES 99 - OL

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 μ 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

- μ 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.

STANDARD SPECIFICATIONS

Range & Gas : As per table below
Sensor type : Solid state

μ P BASED ON-LINE GAS MONITOR LOW COST & DEPENDABLE WITH SURE AFTER SALES SERVICE



TECHNOVATION® SERIES-99OL

STANDARD SPECIFICATIONS CONTINUED

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 Operation	: Diffusion mode, Continuous
Alarms	: Two audible & visible
Alarm relay	: One set NO, C, NC contact of 50 VA rating provided per 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