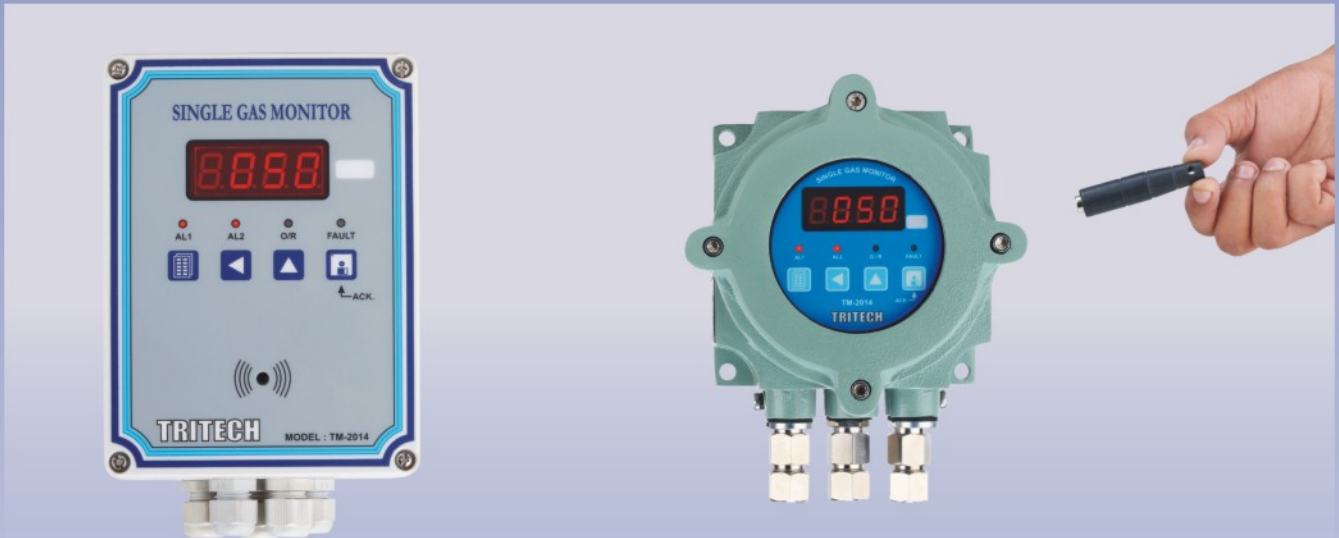


# TM-2014 SINGLE GAS MONITOR

TM-2014 is most versatile micro controller based single channel Gas monitor available for Oxygen, Combustible or Toxic gases.



TM-2014 accepts input from any 2/3 wire gas transmitter. Configuration and settings are simple using Membrane Switches or Magnetic key.

TM-2014 is available in W/P IP65 enclosure or optionally in flame proof enclosure certified for II-A, II-B & II-C

## FEATURES

- Weather proof & dust proof (IP65) enclosure (optionally available in flame proof enclosure)
- Magnetic key for field operation & settings (without opening J/B)
- Accepts input from 2/3 wire has Gas transmitters
- Relay contacts for remote signalling & control
- Simple to install and Maintain
- Single channel continuous display

## TECHNICAL SPECIFICATIONS

	Combustible	Toxic	Oxygen
<b>Range</b>	0 - 100% LEL Combustible gas in air	Cl <sub>2</sub> : 0 - 5 upto 50 PPM SO <sub>2</sub> : 0 - 10 PPM HCN : 0 - 25 PPM H <sub>2</sub> S : 0 - 100 PPM CO : 0 - 1000 PPM VOC : 0 - 1000 PPM NH <sub>3</sub> : 0 - 1000 PPM (Other Gases on Request)	0 - 5, 10, 15, 20, 25, 30% V/V O <sub>2</sub>  OR  0 - 1000, 1999 PPM O <sub>2</sub>
<b>Detector Type</b>	3 Wire Transmitter	2 / 3 Wire Transmitter	Direct connect OR 2 Wire Transmitter
<b>Sensor Principle</b>	Catalytic Bead OR Infrared	Electrochemical OR Semiconductor	Electrochemical
<b>Alarms</b>	Two Adjustable Alarm Levels, i.e. Alarm 1 and Alarm 2		
<b>Display</b>	7 Segment Bright, LED 4 Digit Read out		
<b>Operation</b>	Front Magnetic key for Flame proof version Front Membrane key for Weather proof version		
<b>Indicators</b>	Alarm 1, Alarm 2 & Over Range individual Red LED, Fault Amber LED		
<b>Contacts</b>	SPDT Potential free Contacts for AL1, AL2 & Fault Contacts Rated 230 V AC, 5 Amp		
<b>Hooter</b>	In-built for Weather proof model. Activates for Alarms & Fault		
<b>Power Supply</b>	230 V AC or 110 V AC, 50 Hz, Others on request		
<b>Dimensions</b>	170 mm (H) X 125 mm (W) X 65 mm (D) (Weather proof) 240 mm (H) X 190 mm (W) X 120 mm (D) (Flame proof)		
<b>Mounting</b>	Wall / Surface Mounted		
<b>Protection</b>	Dust and Weatherproof to IP 65 standard (Optionally Flameproof)		
<b>Operating Temp.</b>	0 - 60 Degrees Centigrade		
<b>Humidity</b>	0 - 95% RH, Non-Condensing		

# TRITECH

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