

# TM-2015

# SINGLE GAS MONITOR

Tritech offers TM-2015 specially designed for locations which require single detector for Combustible, Toxic or Oxygen gases.

Manufactured from ABS plastic, the slim line enclosure is corrosion resistant. Enclosure is designed to be dust and water resistant to IP 65 Standard. This allows the instrument to be mounted in adverse or exposed locations. Optionally Flameproof version is available for Gas Group II A, II B & II C.



Magnetic Wand



Flameproof Version

## FEATURES

- Non-intrusive calibration via Magnetic Wand
- 4-20 mA & digital Modbus output standard
- Continuous Read Out on LED Display
- Weather proof and dust proof (IP 65) enclosure [Optionally available in Flameproof enclosure]
- Relay contact for remote signalling and control
- User friendly setup, push buttons & menu
- Uses reliable long life sensors

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**TECHNICAL SPECIFICATIONS**

	COMBUSTIBLE	TOXIC	OXYGEN
<b>Gas 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 Wire Transmitter	2 Wire Transmitter
<b>Sensor Type</b>	Catalytic Combustion OR Infrared	Electro Chemical, Semi Conductor OR PID	Electro Chemical OR Galvanic
<b>Alarms</b>	Three Adjustable Alarm Levels, i.e. Alarm 1, Alarm 2 and Over range		
<b>Display</b>	3 ½ digit bright continuous LED digital read out		
<b>Indicators</b>	Alarm 1, Alarm 2 and Over range individual Red LED, Fault Amber LED		
<b>Contacts</b>	SPDT Potential free contact for Alarm 1, Alarm 2, Over range & for Fault Contacts Rated 230 VAC, 5 Amp		
<b>Output</b>	Analog : 4 -20 mA Linear (non isolated) Digital : Modbus RTU output standard, fully configurable 2 wire RS-485		
<b>Controls</b>	Magnet used for calibration functions, calibration without opening the housing Internal push-button controls also available for calibration and setup		
<b>Power Supply</b>	230 V AC or 110 V AC, 50 Hz, Others on request		
<b>Dimensions</b>	250 mm (H) X 185 mm (W) X 125 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 Weather proof to IP-65 standard (Optionally Flameproof)		
<b>Operating Temp.</b>	0 - 60 Degrees Centigrade		
<b>Humidity</b>	0 - 95% RH, Non-Condensing		
<b>Optional Accessories</b>	Trilog software		

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