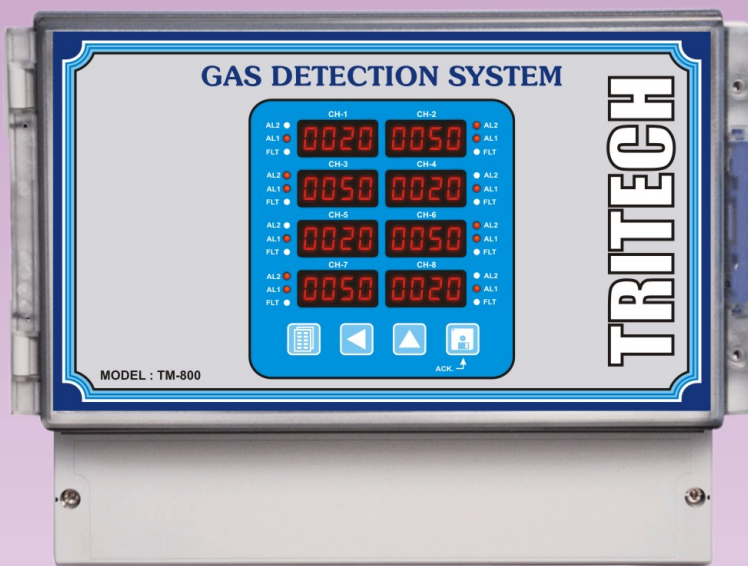


# TM - 800 / 1600

# MULTI CHANNEL GAS MONITOR

Tritech offers most versatile 8/16 Channel Gas Monitor with Individual display for each channel. Fully configurable Monitor accepts Input from any 4-20 mA Gas Transmitters and provides RS-485 Modbus Output for Logging, Control and Annunciation, Specially designed Trilog Software provides ease of customisation for Annunciation, Control and Logging the critical information on Gas leakages.

Potential free contacts rated 5 Amp, 230V AC can be conveniently used for activating additional Flasher / Hooter or for control function.



## FEATURES

- 8/16 Channel Individual display
- Accepts 4-20mA Input
- Fully Configurable Alarm Relays
- Lamp Test Facility
- RS-485 Modbus Output
- In-built Audio Alarm with Accept facility
- Weather proof and Dust proof (IP 65) enclosure [Optionally available in Flameproof enclosure]
- 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>	Two Adjustable Alarm Levels, i.e. Alarm 1 and Alarm 2		
<b>Display</b>	4 digit bright continuous LED digital read out for each Channel		
<b>Indicators</b>	Alarm 1, Alarm 2 individual Red LED, Fault Amber LED		
<b>Contacts</b>	Common : SPDT Potential free contact for Alarm 1, Alarm 2 & Fault Contacts Rated 230 V AC, 5 Amp		
<b>Output</b>	Digital : Modbus RTU output standard, fully configurable 2 wire RS-485		
<b>Power Supply</b>	230 V AC or 110 V AC, 50 Hz, Others on request		
<b>Dimensions</b>	Non Flame proof <ul style="list-style-type: none"> <li>• TM - 800 : 275 mm (H) x 240 mm (W) x 150 mm (D)</li> <li>• TM - 1600 : 400 mm (H) x 325 mm (W) x 100 mm (D)</li> </ul> Flame proof <ul style="list-style-type: none"> <li>• TM - 800 : 310 mm (H) x 350 mm (W) x 170 mm (D)</li> <li>• TM - 1600 : 400 mm (H) x 385 mm (W) x 220 mm (D)</li> </ul>		
<b>Mounting</b>	Wall / Surface Mounted		
<b>Protection</b>	Dust and Weather proof to IP-65 standard (Optionally Flameproof)		
<b>Operating Temp.</b>	0° to 60° C		
<b>Humidity</b>	0 - 95% RH, Non-Condensing		
<b>Optional Accessories</b>	Trilog software		

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Represented By :