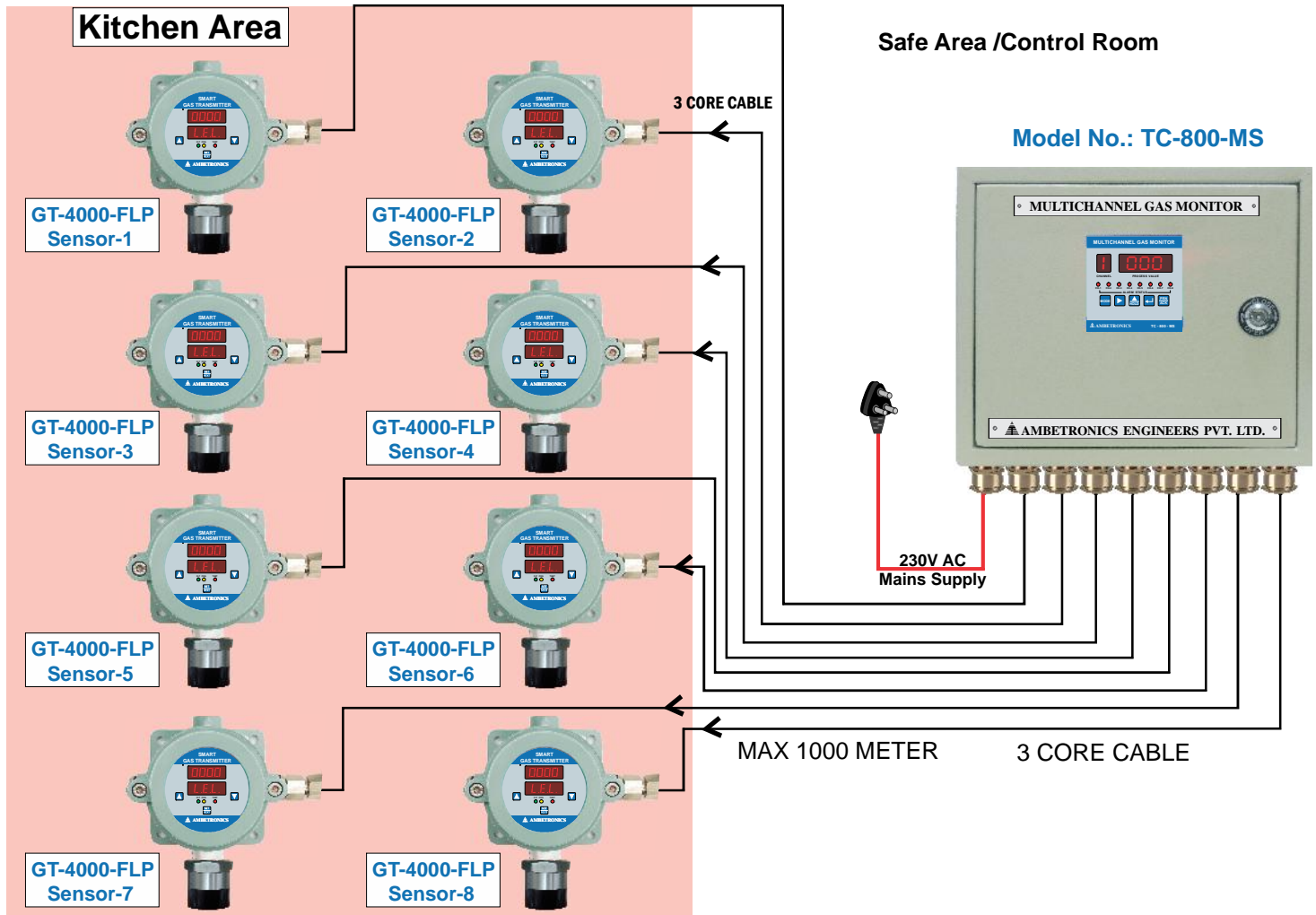
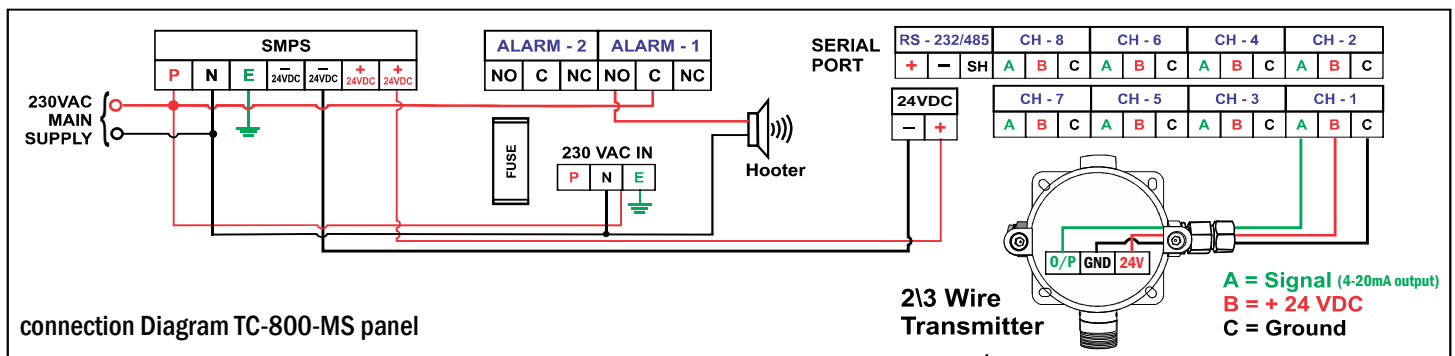


## MULTICHANNEL GAS MONITORING SYSTEM



### TC-800-MS PANEL CONNECTION DIAGRAM



### Features

- User Friendly Operation by front keys
- Scan Each Channel with Gas Concentration % LEL
- Easy One Man Calibration at site
- Open Loop Transmitter Break, 'open' Indication
- Individual Channel Skip, Hold Facility from Front Panel
- High & Low Alarm Output with Programmable Latch & Non-Latch Facility for common Relay & Relay Indication
- Optional Relay Output for Each Channel

### Applications

- Gas Cylinder Bank
- Hotel Kitchen Application
- Gas Metering Stations
- Bullet Yard / Storage Yards
- Gas Pipeline Projects

## MUST FOR HUMAN AND INDUSTRIAL SAFETY

# TECHNICAL SPECIFICATIONS

## General Specification

Input	: 8 x 4 to 20mA output from Gas Transmitter of 3wire
Range	: 0 to 9999 programmable by user, reads % LEL
Resolution	: 0.01, 0.1, 1 programmable by users
Channel Capacity	: Available upto 8Channel 16 Channel Model also available
LED Indication	: 8 No. RED LED for Alarm Indications of both set points AL1, AL2
Set Point	: 2 Independent set points individual for each channels with 2 common relay output
Control Action	: LO/HI, HI/LO, LO/Very LO & HI-very HI, Programmable by user.
Setting	: Setting by 5 keys on front panel 'MODE,' 'SHIFT', 'INC', 'ENT', PRN/ACK'
Skip Channel	: Individual Channel SKIP facility from front panel key pad.
Hold	: Facility to 'HOLD' the particular channel continuously and then release
Scan Time	: 1 to 59 second programmable by users
Print Interval (Optional)	: 5 to 9999 sec. Print Interval for direct print out on 80 Column Dot Matrix Printer

## Performance

Measurement Accuracy :  $\pm 0.5\%$  of the full scale value

## Electrical

Power Supply	: 230V AC $\pm 10\%$
Cable	: 1.5 sq. mm 3 core OR 2 core, Flexible OR Armoured shielded cable from Gas Transmitter

## Error Monitoring

Sensor break / open shows 'oPEr', under range shows 'Undr' & over range shows 'oEr'

## Environmental

Operating Temperature	: 0 to 50°C $\pm 5\%$
Relative Humidity	: Below 95% non Condensing

## Accessories (Optional)

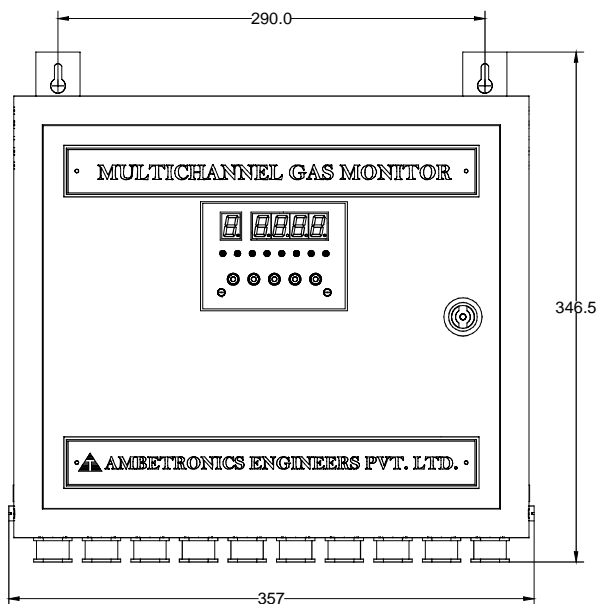
• CE certified 24 VDC Power supply.	• Hooter cum Flasher
• 2/3 Core Cables for Transmission	• Annunciator Panel 4 Channel / 8 Channel
• Gas Calibration Kit (0.5,1, 3,10)Liter.	

## Housing Details :

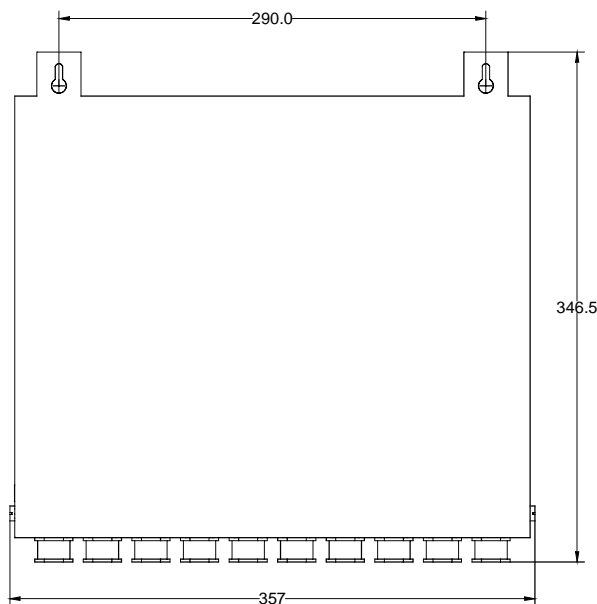
Protection Class	: Metal Sheet
Cabinet Material	: Metal sheet Siemens Grey colour
Cable Entry	: Single Compression Gland
Dimension	: 300 mm (H) x 357 mm (W) x 100 mm (D)
Mounting	: Wall Mounting / Stand Mounting
Weight	: Approx 5.6 Kg

## DIMENSION DETAILS

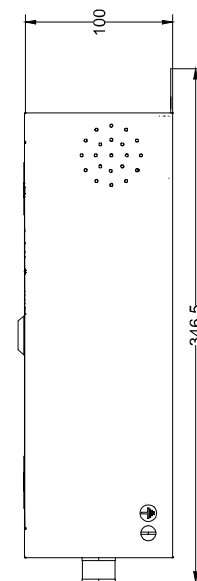
FRONT VIEW



BACK VIEW



SIDE VIEW



Manufactured by :



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Dealers: