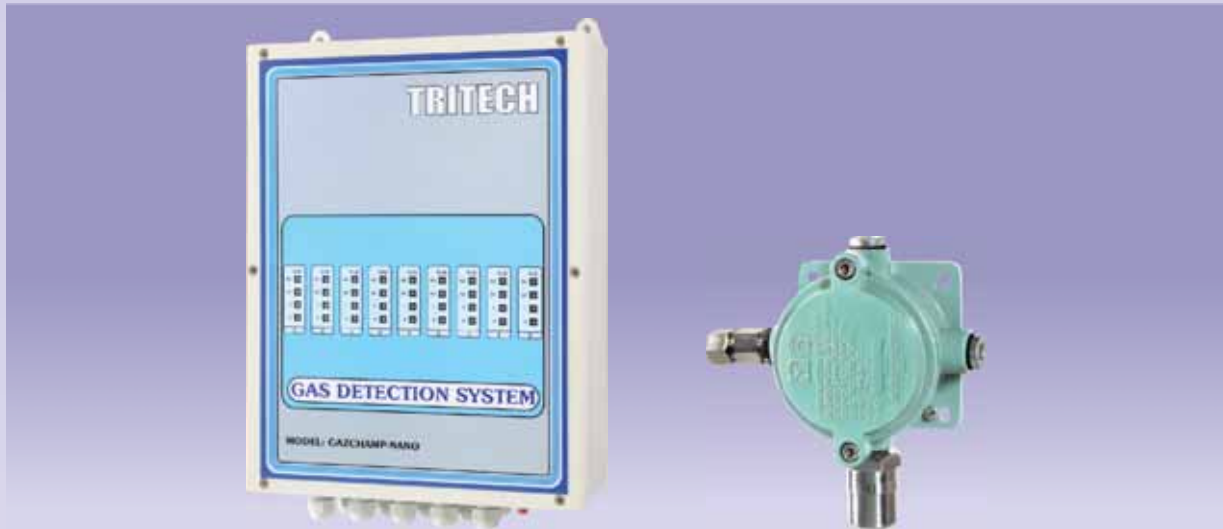


# GAZCHAMP- NANO COMBUSTIBLE GAS MONITOR

Gazchamp-Nano is designed to detect gases like LPG, LNG, CH<sub>4</sub>, H<sub>2</sub>, Hexane, EO and many more. The instrument can be supplied for One to Sixteen channels with input Power supply of 230 VAC or 110 VAC (User selectable at site).

It uses catalytic sensor for reliable detection. The detector is certified flameproof. The detector has special design for quick gas detection.



Front panel of the instrument has individual LEDs for Normal, Fault, AL1 & AL2. The electronic buzzer is mounted below the panel to give audio alarm, Accept / Rest push button is provided to cancel the alarm.

Each channel can be separately calibrated on site by applying calibration gas. With this facility Nano can have cards calibrated to monitor mixture of gases. It is fitted with SPDT relays for each channel of AL1 or AL2 to be selected at the time of order.

Common Relay contact for Fault is provided. All the relay contacts are rated at 230 VAC, 2 Amp.

## FEATURES

- Fast response on gas leak
- Individual LED for each channel
- Detector certified flameproof
- Uses reliable Catalytic Sensor
- On site calibration facility
- Independent monitor card for each detector
- User adjustable alarm levels
- Relay Contact for AL1 or AL2 & Common Fault
- Temperature compensator to avoid false alarm

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## TECHNICAL SPECIFICATIONS

<b>Range</b>	0 to 100 % LEL combustible gas in air or other Gases on request
<b>Sensor</b>	Reliable Catalytic sensor
<b>Alarms</b>	Two alarm level, factory set at 10% & 50 % LEL User adjustable.
<b>Indicators</b>	2 nos. Red LED for Alarm 1 & Alarm 2 Amber LED for Fault Green LED for Normal (Pilot)
<b>No. of Channels</b>	5 Channels / 9 Channels / 16 Channels
<b>Buzzer</b>	In-built
<b>Enclosure &amp; Mounting</b>	Reinforced Plastic, Wall / Surface mounted
<b>Dimensions</b>	<u>For 5 &amp; 9 Channels :</u> 235 mm(W) X 318 mm(H) X 100 mm(D) <u>For 16 Channels :</u> 500 mm(W) X 360 mm(H) X 158 mm(D)
<b>Output</b>	1 no. Potential free contacts for Alarm1 or Alarm2 (factory set) & Common Fault, Contact rated 230 V AC, 2 Amp.
<b>Power Supply</b>	230 V AC or 110 V AC, 50 Hz Others on request
<b>Operating Temp.</b>	0 - 60 Degrees Centigrade
<b>Humidity</b>	0 - 95% RH, Non-Condensing
<b>Ordering info</b>	Suffix <b>A1</b> if Relay contact for Alarm 1 Suffix <b>A2</b> if Relay contact for Alarm 2

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