



## TITAN – Combustible Gas Detector

[ High Performance. Small Size. Innovative Design. ]

TITAN is a reliable, easy-to-use and durable portable instrument for detecting the presence of combustible gases. It will stand up to the roughest handling in even the toughest environments.

TITAN is part of the established MSA STELLAR series of high quality portable gas detectors that comprises both single and multigas instruments.

### [ Easy Handling ]

The TITAN has an intuitive single-button operation. Simply switch on, and it warns you of the presence of dangerous levels of combustible gases or vapors.

### [ Clear Display ]

With one of the largest displays of any pocket sized instrument on the market, the TITAN is very easy to read. Its back-lighting provides exceptional contrast, making it highly visible and easy to read from a variety of angles in low-light conditions.

### [ Distinctive Alarms ]

Upon reaching, or exceeding the alarm levels, 4 ultrabright LED's and the piercing audible alarm are activated and the display shows the alarm. For use in high ambient noise levels the TITAN can be equipped with a battery pack with vibrating alarm.



## [ Applications ]

- Chemical/petro-chemical industry
- Construction
- Fire Service
- Oil and Gas
- Utilities
- Telecommunications
- Industry in general

## [ Maximum Alarms ]

The TITAN is equipped with an 85 dB piercing audible alarm and a visual alarm with a 340° viewing angle. Optionally a NiMH battery pack with vibrating alarm is available. This triple alarm feature, visual, audible and vibrating ensures you are warned in alarm situations.

## [ Durable Sensor ]

The combustible gas sensor in the TITAN is the MSA series 20 L sensor. This sensor provides a very high poison tolerance, which considerably increases the service life of the sensor. The sensor in the TITAN is easy to replace.

This combination of features, performance and benefits makes the TITAN an unparalleled revelation to the industry and provides the confidence you are looking for in a gas detector.

## [ Optional Power Supplies ]

The TITAN accommodates either a NiMH battery pack, which provides up to 11 hours of continuous instrument operation, or an alkaline battery pack. With alkaline batteries, the unit will operate for at least 13 hours.

A NiMH battery pack with vibration alarm is optionally available and is fully interchangeable with the other battery packs. A full battery charge using MSA's fast charger takes less than three hours.

## [ Technical Specifications ]

### Measure range and Alarm levels

Gas	Range	Resolution	Alarm
<b>Combustible gases</b>	0–100% LEL	1 LEL	15/30% LEL

**Weight** 220 g [Alkaline] / 250 g [NiMH]

**Size** 122 x 62 x 34 mm [L x W x D]

**Alarms** 4 ultra bright LED's visible over a 340° angle. 85 dB at 1 m piercing audible alarm. Optional vibrating alarm.

**Display** High contrast LCD with backlight

**Battery type** Rechargeable nickel metal hydride [NiMH] battery pack, NiMH with vibration alarm or dry cell pack AA alkaline cells, interchangeable

**Runtime** NiMH > 11 h Alkaline > 13 h

**Charge Time** < 3 h with MSA Delta II fast charger [100–250 VAC, 12–24 VDC]

**Temperature** Normal 0° C to +50° C  
short periods –20° C to +50° C

**Humidity** 15–90% RH non condensing,  
short periods 5–95% RH non condensing

### Ingress Protection

IP54 min.

**Warranty** 2 Years on sensor, rechargeable battery pack, case and electronics

### Approvals

Europe EN 50014/EN 50018/EN 50020/EN 61779/  
EN 50270/EN 50271  
Ⓢ II 2G EEx ia d IIC T4  
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## [ Ordering Information ]

10028884	TITAN Methane/Alkaline
10031501	TITAN Propane/Alkaline
10031500	TITAN Pentane/Alkaline
10037226	TITAN Hydrogen/Basic
10037227	TITAN Methane/Basic
10037228	TITAN Propane/Basic
10037229	TITAN Pentane/Basic
10029052	TITAN Battery-pack, NiMH, Vibration
10029053	TITAN Battery-pack, NiMH
10029054	TITAN Battery-pack, Alkaline
10035638	TITAN carrying case
10031507	Delta charger II [12/24 V, 100–240 V]
10030867	TITAN charger stand
10043936	TITAN Manual aspirator



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.