

▶ GT Series

Gas leak detector (Catharometer)



Technical specifications

Functionality: Multifunction gas leak detector, methane (ppm, % LEL, %vol.) CO, H2S & O2 optional

Display: LCD with backlight

Alarms:

- Visual: high-visibility LEDs on both sides of the instrument
- Audible: 85 db
- All alarms customizable via password-protected menu

Data logging: 1 week at 1-minute intervals (assuming 7 hours of operation per day)

Sampling: Integrated pump with pressure sensor for flow failure detection

T90 response time: < 30 seconds

Power supply: 3 type "C" - LR14 alkaline batteries or battery-powered

Autonomy: 8 hours continuous operation (alkaline or rechargeable batteries)

Construction: high-impact ABS polycarbonate blend

Protection rating: IP54 (protected against dust and water splashes)

Dimensions: 290 x 95 x 43 mm (excluding probe)

Weight: 0.78 kg (with probe and batteries)

Humidity: 0-95% non-condensing

Certification:

- UL 913 Class I, Div 1 Groups C, D
- CSA Class I, Division 1, Groups C and D
- ATEX II 2G EEx ia d IIB T3
- IECEx Ex ia d IIB T3 CPA

Warranty: 2 years

Product description

Specially designed for the gas industry, the **GT Series gas leak detector** is a versatile device that combines quality, robustness and advanced technology. It detects methane leaks from ppm for micro-leaks to percentage volume (**catharometer**) with ultra-fast response time. Depending on the configuration, it can also detect CO, H2S and oxygen deficiency.

It has 3 measurement ranges: ppm, % LEL (lower explosive limit) or %/vol (catharometer mode), with automatic scale changeover. In leak detection mode (ppm), it features a powerful, highly visible audible indicator like a Geiger counter.

The **GT Series leak detector** features an integrated sampling pump with pressure sensor for flow failure detection. 3 types of probes are available for accessibility in places that are difficult to reach, one with a length of 35 cm, one of 80 cm and another in a stainless steel version of 60 cm. It can be operated on battery or rechargeable, and its backlit LCD screen clearly displays measurements and operating parameters.

▶ Accessories

| Description | Reference |
|---|-----------|
| GT 44ppm / %LIE / %Vol GAS only (Device) | C67440 |
| GT 44ppm / %LIE / %Vol GAS only (Unit with case and accessories) | C67441 |
| 35cm probe | 12480 |
| 80cm probe | 12393 |
| 60cm stainless steel probe | 67185 |
| Carbon filter (Balston) | 13936 |
| Chemical filter block | 67142 |
| Cylinder - Silica gel with color indicator | 67205 |
| Granular activated carbon | 67148 |
| Cotton filter - Box of 10 (for 67196) | 10077 |
| Dust filter - Box of 30 | 67163 |
| Standard charger (universal plug) | 67134 |
| 12V / 24V vehicle charger | 66206 |
| Charging station | 67101 |
| 12V vehicle charger (for 67101 / 02 / 09) | 12988 |
| Wall-mounted storage clip | 67281 |
| Rechargeable batteries (pack of 3) | 67294 |