

▶ T40 Rattler II

ATEX single gas detector (CO, H2S or O2)



Technical specifications

Gas sensor: electrochemical sensor, CO, H2S or O2 detection

Measurement scale:

- O2: 0-30%/vol. in 0.1%/vol. increments
- CO: 0-1000 ppm in 1% increments
- H2S: 0-500 ppm in 1 % increments

Response time: T90 ≤ 10 seconds

Self-test: Automatic

Display: backlit LCD screen

Alarms:

- 2 adjustable alarm thresholds (low and high alarm)
- TWA and OEL alarm (optional)
- Memorization of the maximum measured value
- Alarm indication: audible 95 dB, luminous and vibrating
- Recording of data and alarm events

Battery: Lithium 3.6 V replaceable

Housing: Polycarbonate with a rubber overmold

Protection class: IP68 (waterproof and dustproof)

Dimension: 86 x 58 x 19 mm

Weight: 98 grams

Operating conditions:

- Temperature: -40 to +50°C
- Humidity: 5 to 95% RH (non-condensing)

Certifications:

- **ATEX:** Ex ia IIC T4 Ga; Ex ia I Ma
- **IECEx:** Ex ia IIC T4 Ga; Ex ia I Ma
- **UL:** Class I, Division 1, Groups A, B, C, D T4 Class I, Zone 0, AEx ia IIC T4 Ga
- **CSA:** Ex ia IIC T4 Class I, Division 1, Groups A, B, C, D T4
- **CE:** Directive 2014/30/EU, EN50270, Directive 2011/65/EU and 2015/863/EU

Product description

The **T40 Rattler II** is an **ATEX single gas detector** with electrochemical sensor dedicated to the detection of carbon monoxide (CO), hydrogen sulfide (H2S) or oxygen (O2). Equipped with a large LCD screen for permanent display of the measurement and setting of thresholds, this very economical device is guaranteed for 3 years.

With an excellent quality/price ratio, small, light and particularly robust, it is waterproof and dustproof with an IP68 protection class. With a very fast response time (T90 < 10 seconds) and its long-life lithium battery, this portable gas detector combines performance and safety.

Robust, light and appreciated for its simplicity of use, the **T40 Rattler II gas detector** is very popular with coastal collectivities (H2S detection), the medical field (emergency services) and sectors of activity where a risk of nitrogen leak could generate a decrease in the oxygen level in the ambient air.

In the presence of a hazardous gas concentration, the **T40 Rattler II** activates an audible, visual and vibratory alarm. The 95dB audible signal alerts the wearer even in very noisy environments. A large text-free display clearly shows the gas concentration and the 2-button navigation allows the alarm thresholds to be set. Thanks to the powerful backlighting, all indications are clearly readable in the dark.

▶ **Main assets:**

- Very compact, light and robust device
- Sensors and electronics guaranteed for 3 years
- Sound (95 dB), light and vibration alarm
- 2 alarm levels (low and high)
- Long life lithium battery (more than 2 years without alarm)
- ATEX, IECEx, UL, CSA certification and IP68 protection class
- Excellent quality / price ratio

▶ **Codification:**

Gases	Range	Resolution	Codification
O2 (oxygen)	0-30%/vol.	0.1%/vol.	T42-030211
CO (carbon monoxide)	0-1000 ppm	1 ppm	T42-014211
H2S (hydrogen sulfide)	0-500 ppm	0.1 ppm	T42-023211