



The T40 Rattler™ is a low-cost, maintenance-free single gas monitor designed to protect personnel from dangerous hydrogen sulfide or carbon monoxide gas exposure in the most extreme conditions. Despite its compact size, the T40 Rattler™ includes features usually found only in larger multi-gas monitors – including a large, liquid

crystal display (LCD), internal vibrating alarm, audible/visual alarms and simple push-button operation.

The monitor continuously displays ambient CO or H<sub>2</sub>S readings in PPM and will alert the user when gas concentrations exceed the preset low or high levels. Added features include adjustable alarm setpoints, calibration gas values, and choice of text-only display selected by the user through a simple, push-button routine. The T40 Rattler™ also has a peak/hold feature to show the highest reading during a shift and includes a patented flip-cap calibration adapter for quick and simple calibration. The T40 Rattler™ operates for up to 1,500 hours on a single “AA” battery (included) and is covered by a two-year warranty from the date of manufacture.



### SPECIFICATIONS

#### INSTRUMENT WARRANTY:

Two-year warranty from the date of shipment.

#### CASE:

High visibility, impact-resistant composite with radio frequency interference (RFI) protection.

#### DIMENSIONS:

86 mm x 58 mm x 19 mm (3.375" x 2.3" x .75")

#### WEIGHT:

98 g (3.5 oz.)

#### SENSORS:

CO, H<sub>2</sub>S – Electrochemical

#### MEASURING RANGES:

Carbon Monoxide	0-999 ppm in 1 ppm increments
Hydrogen Sulfide	0-500 ppm in 1 ppm increments

#### ALARMS:

Adjustable low and high alarm setpoints

#### Power Source (Runtime):

Replaceable “AA” alkaline battery (approx. 1,500 hours typical)

#### TEMPERATURE RANGE:

-20°C to 50°C (-4°F to 122°F) typical

#### HUMIDITY RANGE:

15 to 95% RH typical

#### CERTIFICATIONS:

UL and cUL:	Class I, Groups A, B, C, D, T4
CSA:	Ex ia IIC T4
ATEX:	EEx ia IIC T4; Equipment Group and Category II 2G
IECEx:	Ex ia IIC T4
ANZEx:	Ex ia IIC T4

PART NO.	DESCRIPTION
18105247	T40 Rattler – Hydrogen Sulfide (H <sub>2</sub> S)
18105254	T40 Rattler – Carbon Monoxide (CO)
18105874	T40 Nylon Carrying Case

All Rattler T40 Monitors Include: Battery (installed), additional battery, maintenance tool and instruction manual.



<http://www.indsci.com/t40/>

## INDUSTRIAL SCIENTIFIC

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