



TANGO® TX1 SINGLE GAS MONITOR

The Tango® TX1 is among the safest single gas detectors available today. Patented DualSense® Technology includes two of the same sensor for the most accurate reading and to ensure the monitor is functional and reliable, regardless of current bump test practices.

- Lightweight and wearable personal gas monitor
- Two-year run time
- Optional AlarmAmp™ increases audible alarms to 110dB
- Guaranteed for Life™ warranty

DualSense Technology

The Tango TX1, Ventis Pro5, Radius BZ1, and SafeCore Module incorporate revolutionary patented DualSense Technology, which includes two of the same type of sensor to detect a single gas. The two sensor readings are processed through a proprietary algorithm and displayed as a single reading to the user. DualSense Technology ensures that regardless of your current bump test policy, you will be significantly safer than you would be using an instrument without redundant sensors*. *Based on iNet data

See all features and benefits at
www.indsci.com/tango

SPECIFICATIONS*

WARRANTY

Guaranteed for Life™. Warranted for as long as the instrument is supported by Industrial Scientific Corporation (excludes sensors, batteries, and filters). CO and H₂S sensors are warranted for three years. All other sensors are warranted for two years.

CASE MATERIALS

Case top – polycarbonate with a protective rubber overmold
Case bottom – conductive polycarbonate

DIMENSIONS

99 x 51 x 35 mm (3.9 x 2.0 x 1.4 in)

WEIGHT

126.0 g (4.4 oz)

ALARMS

Three strobe-emitting visual alarm LEDs (two red; one blue)
100 decibel (dB) audible alarm at a distance of 10 cm (3.94 in) vibration alarm

DISPLAY

Segment Liquid Crystal Display (LCD)

INGRESS PROTECTION

IP66; IP67

TEMPERATURE RANGE

-40 °C to 50 °C (-40 °F to 122 °F) ** ATEX, IECEx, CSA, INMETRO and UL (C-US)

HUMIDITY RANGE

15% to 95% non-condensing (continuous)

EVENT LOGGING

60 alarm events

SENSORS AND MEASURING RANGES

Carbon Monoxide (CO):	0 to 1,000 ppm in 1 ppm increments
Carbon Monoxide (CO/H ₂ low):	0 to 1,000 ppm in 1 ppm increments
Hydrogen Sulfide (H ₂ S):	0.0 to 500.0 ppm in 0.1 ppm increments
Nitrogen Dioxide (NO ₂):	0.0 to 150.0 ppm in 0.1 ppm increments
Sulfur Dioxide (SO ₂):	0.0 to 150.0 ppm in 0.1 ppm increments

DATA LOGGING

Three months at 10-second intervals

BATTERY

3.6 V Primary Lithium-Thionyl Chloride (Li-SOCl₂); 1.5AH, 2/3AA; replaceable; nonrechargeable; always on; two-year run time depending on operating conditions

* These specifications are based on performance averages and may vary by instrument.

** Operating temperatures above 50 °C (122 °F) may cause reduced instrument accuracy. Operating temperatures below -20 °C (-4 °F) may cause reduced instrument accuracy and affect display and alarm performance.

Patent No. 9,000,910 – DualSense Technology | Patent No. 9,064,386 - AlarmAmp

