

TANGO TX2

Two-Gas Detector



Protect workers, reduce false alarms, and spend less time managing your gas detector fleet with the Tango TX2. Unlike other two-gas monitors that use combination sensors, the Tango TX2 uses individual sensors to increase alarm accuracy so you can reduce unnecessary shutdowns and improve incident data quality. A two-year runtime from a single, replaceable battery eliminates the need for charging infrastructure and simplifies gas detector management by allowing you to assign each user a monitor. As the only two-gas monitor built with individual sensors and a **Guaranteed for Life™** warranty, the Tango TX2 is the most reliable two-gas monitor available.

- Reduce unexpected project shutdowns from false alarms by increasing alarm accuracy with two individual sensors
- Eliminate the hassle of charging with a single, replaceable battery that offers a two-year lifespan
- Increase worker's sense of ownership and save time managing your gas detector fleet by assigning each worker one monitor
- Increase compliance and willingness to use the lightweight and hassle-free design
- Enjoy peace of mind knowing your monitors are backed by an industry-leading **Guaranteed for Life** warranty.

EASILY MAINTAIN YOUR TANGO TX2

Keep your Tango TX2 Two-Gas Monitors up and running with a DSXi Docking Station, which automatically bump tests, calibrates and uploads gas detector data each time you dock a monitor. The docking station also keeps your monitor up to date with free, automated software and firmware updates.

To make maintenance and repairs even easier, pair your Tango TX2 monitors and DSXi Docking Station with iNet® Exchange. iNet Exchange eliminates maintenance and repair by reviewing the performance of the monitor, sensors, circuit board, microprocessors and more every time you dock a monitor. We'll tell you whether a monitor needs attention – before it fails – and we'll automatically replace it. Before you know it, an iNet Exchange box is on your doorstep with a new unit, so you can spend more time managing your safety program and less time repairing gas detectors.

KEY FEATURES

- Protect workers, reduce false alarms, and spend less time managing your gas detector fleet with the Tango TX2.
- The Tango TX2 is the most accurate two-gas monitor featuring individual sensors that increase alarm accuracy.
- A two-year runtime and replaceable battery simplify gas detection management by eliminating the need for charging infrastructure.

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SPECIFICATIONS	
	Specifications subject to change without notice
Display	Segment liquid crystal display (LCD)
Keypad	Two buttons
Case Materials	Case top: Polycarbonate with a protective rubber overmold Case bottom: Conductive polycarbonate
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
Dimensions	99 x 51 x 35 mm (3.9 x 2.0 x 1.4 in)
Weight	126.0 g (4.4 oz)
Temperature Range	-40 °C to 50 °C (-40 °F to 122 °F) **
Humidity Range	15% to 95% Non-condensing (continuous)
Sensors	CO, CO/H ₂ , H ₂ S, NO ₂ , SO ₂ – Electrochemical sensor technology
Sensor 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
Battery	3.6 V Primary lithium-thionyl chloride (Li-SOCl ₂); 1.5AH, 2/3AA; replaceable; non rechargeable; always on; up to 2-year run time depending on operating conditions
Data Logging	3 months at 10-second intervals
Event Logging	60 alarm events
Certifications	DIRECTIVE OR CB AREA CLASSIFICATION STANDARDS ATEX1: Ex ia I Ma; Ex ia IIC T4 Ga; Equipment Group and Category: I M1 and II 1G, EN 60079-0: 2012 EN 60079-11: 2012 EN 50303: 2000 IECEX3 Ex ia I Ma, Ex ia IIC T4 Ga IEC 60079-0: 2011 IEC 60079-11: 2011 UL (C-US)4: Class I, Groups A, B, C, and D; Class II, Groups E, F, and G; T4; Exia Class I, Zone 0, AEx ia IIC T4 UL 913 8th Ed. UL 60079-0 6th Ed. UL 60079-11 6th Ed. CSA C22.2 No. 157
Warranty	<ul style="list-style-type: none"> Guaranteed for Life™. Warranted for as long as the instrument is supported CO and H₂S sensors are warranted for three years. All other sensors are warranted for two years.



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