



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.

INSTRUMENT CONFIGURATIONS

PART NUMBER	DESCRIPTION
TX2-12021	Tango TX2, CO, H ₂ S, English
TX2-14021	Tango TX2, CO, NO ₂ , English
TX2-15021	Tango TX2, CO, SO ₂ , English
TX2-1G021	Tango TX2, CO, CO Low, English
TX2-24021	Tango TX2, H ₂ S, NO ₂ , English
TX2-25021	Tango TX2, H ₂ S, SO ₂ , English
TX2-2G021	Tango TX2, H ₂ S, CO Low, English
TX2-45021	Tango TX2, NO ₂ , SO ₂ , English
TX2-4G021	Tango TX2, NO ₂ , CO Low, English
TX2-5G021	Tango TX2, SO ₂ , CO Low, English

ACCESSORIES

18109330-ABC	DSX™ Docking Station for Tango TX2 A – DSX Mode: 0 = DSX Standalone, 1 = DSXi Cloud-connected, 2 = DSX-L Local Server B – Number of Gas Inlet Ports: 3 = 3 Ports, 6 = 6 Ports C – Power Cord Type: 1 = North America, 2 = Europe, 3 = Australia, 4 = UK
17154367	Replacement battery
18109171	Soft nylon case, Black
18109239	Soft nylon case, Safety Orange
18109218	Dust barrier kit, 5 pack
18109230	Water barrier kit, 5 pack
18109238	CalCup and tubing kit
17154484	Suspender clip
17154915-0	AlarmAmp, Black
17154915-1	AlarmAmp, Safety Orange

* 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. 9,064,386 – AlarmAmp™

SPECIFICATIONS*

INSTRUMENT 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.

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/H₂, H₂S, NO₂, SO₂ – Electrochemical sensor technology

SENSOR MEASURING RANGES

Carbon Monoxide (CO): 0 to 1,000 ppm in 1 ppm increments
Carbon Monoxide (CO/H₂ low): 0 to 1,000 ppm in 1 ppm increments
Hydrogen Sulfide (H₂S): 0.0 to 500.0 ppm in 0.1 ppm increments
Nitrogen Dioxide (NO₂): 0.0 to 150.0 ppm in 0.1 ppm increments
Sulfur Dioxide (SO₂): 0.0 to 150.0 ppm in 0.1 ppm increments

BATTERY

3.6 V Primary lithium-thionyl chloride (Li-SOCI₂); 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