TANGO® TX2

- 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
TX2-12011	Tango TX2, CO, H2S, English
TX2-14011	Tango TX2, CO, NO2 , English
TX2-15011	Tango TX2, CO, SO2 , English
TX2-1G011	Tango TX2, CO, CO Low , English
TX2-24011	Tango TX2, H2S, NO2, English
TX2-25011	Tango TX2, H2S, SO2, English
TX2-2G011	Tango TX2, H2S, CO Low, English
TX2-45011	Tango TX2, NO2, SO2, English
TX2-4G011	Tango TX2, NO2, CO Low, English
TX2-5G011	Tango TX2, SO2, CO Low, English

ACCESSORIES

18109330-ABC -ABC	DSX™ Docking Station for Tango® TX1 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. 9,000,910 – DualSense® Technology | 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 H_2S 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/H_2, H_2S, 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_2S):	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-SOCl2); 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

ATEX[1]:	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
IECEx[3]	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

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