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 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-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

For pricing or any further information, please contact Omni Instruments Ltd.

Measurement and data acquisition solutions

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