




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 <sub>2</sub> S, English
TX2-14021	Tango TX2, CO, NO <sub>2</sub> , English
TX2-15021	Tango TX2, CO, SO <sub>2</sub> , English
TX2-1G021	Tango TX2, CO, CO Low, English
TX2-24021	Tango TX2, H <sub>2</sub> S, NO <sub>2</sub> , English
TX2-25021	Tango TX2, H <sub>2</sub> S, SO <sub>2</sub> , English
TX2-2G021	Tango TX2, H <sub>2</sub> S, CO Low, English
TX2-45021	Tango TX2, NO <sub>2</sub> , SO <sub>2</sub> , English
TX2-4G021	Tango TX2, NO <sub>2</sub> , CO Low, English
TX2-5G021	Tango TX2, SO <sub>2</sub> , 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 H<sub>2</sub>S 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<sub>2</sub>, H<sub>2</sub>S, NO<sub>2</sub>, SO<sub>2</sub> – Electrochemical sensor technology

**SENSOR MEASURING RANGES**

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

**BATTERY**

3.6 V Primary lithium-thionyl chloride (Li-SOCl<sub>2</sub>); 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 <sup>1</sup> :	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 <sup>3</sup>	Ex ia I Ma, Ex ia IIC T4 Ga
IEC 60079-0:	2011
IEC 60079-11:	2011

UL (C-US) <sup>4</sup> :	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
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UL 913 8th Ed.  
UL 60079-0 6th Ed.  
UL 60079-11 6th Ed.  
CSA C22.2 No. 157

Whilst every effort has been made to ensure the accuracy of this specification, we cannot accept responsibility for damage, injury, loss or expense from errors or omissions. In the interest of technical improvement, this specification may be altered without notice.

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

**Contact Details:**

Tel: +44 1382 443000  
Fax: +44 1382 453197  
Email: info@omni.uk.com

**Mailing Address:** Unit 1, 14 Nobel Road,  
Wester Gourdie Industrial Estate,  
Dundee, DD2 4UH.

**Website:** www.omniinstruments.co.uk