

# TANGONOMICS

1 + 1 = 85

Users of the  
Tango™ TX1 with  
DualSense™ Technology  
are **85 times** safer than  
they would be using a  
typical single gas monitor.



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## ORDERING INFORMATION

PART NUMBER	DESCRIPTION
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### INSTRUMENT CONFIGURATIONS

TX1-1	Tango TX1, CO
TX1-2	Tango TX1, H <sub>2</sub> S
TX1-4	Tango TX1, NO <sub>2</sub>
TX1-5	Tango TX1, SO <sub>2</sub>

### ACCESSORIES

18109201	iNet DS docking station for Tango*
17154367	Replacement battery
18109171	Soft nylon case, Black
18109239	Soft nylon case, Orange
18109218	Dust barrier kit, 5 pack
18109230	Water barrier kit, 5 pack
18109238	CalCup and tubing kit
17120908	Belt clip
17154915-0	AlarmAmp™, Black
17154915-1	AlarmAmp™, Safety Orange
17154916	Black nameplate
17154917	Green nameplate
17154918	Yellow nameplate
17154919	Blue nameplate
17154920	White nameplate

\*Access to data from the iNet DS docking station requires a subscription to iNet or iNet InSite.

## SINGLE GAS MONITOR

### SPECIFICATIONS

#### INSTRUMENT WARRANTY:

Three year warranty which does not include battery, sensors and filters.  
CO and H<sub>2</sub>S sensors are warranted for 3 years from the initial purchase date.  
All other sensors are warranted for 2 years from the initial purchase date.

#### 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"); Vibration alarm

#### DIMENSIONS:

99 x 51 x 35 mm (3.9" x 2.0" x 1.4")

#### WEIGHT:

126.0 g (4.4 oz.)

#### OPERATING TEMPERATURE RANGE:

-20°C to +50°C (-4°F to +122°F)

#### OPERATING HUMIDITY RANGE:

15%-95% Non-condensing (continuous)

#### INGRESS PROTECTION:

IP66; IP67

#### SENSORS:

CO, 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
Hydrogen Sulfide (H <sub>2</sub> S):	0.0 to 200.0 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;  
nonrechargeable; always on; 3 year run time depending on operating conditions

#### DATALOGGING:

3 months at 10-second intervals

#### EVENT LOGGING:

60 alarm events

#### CERTIFICATIONS:

ATEX	Ex ia I Ma Ex ia IIC T4 Ga Equipment Group and Category: I M1 and II 1G
China Ex	Ex ia IIC T4 Ga
CSA	Ex ia IIC; Class I, Groups A B C D; T4
IECEx	Ex ia I Ma Ex ia IIC T4 Ga
UL (C-US)	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

#### PENDING:

MSHA	Permissible Gas Monitor
INMETRO	Ex ia IIC T4

These specifications are based on performance averages and may vary by instrument.

\*The Tango is warranted to be free from defects in material and workmanship under normal and proper use and service for 3 years from the initial purchase date.

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