

# iTX-4

Multi-Gas Detector.

## Introduction

The iTX multi-gas detector is the industry's most versatile portable gas detection instrument. Designed to grow with you as your monitoring needs change, the iTX can go from being a single gas unit to a six-gas monitor with just a few simple user configurations and sensor changes. Featuring advanced "smart" sensor technology, the iTX is capable of recognizing and configuring a wide assortment of field replaceable, interchangeable sensors.

## Key Features

- Monitors from one to six gases.
- Wide range of field-replaceable sensors.
- User and site ID data entry.
- Datalogging capability standard.
- Dot matrix display with backlighting.
- 50 ppm resolution for hydrocarbons.
- 24-hour runtime with lithium-ion batteries.

## Key Benefits

- Provides superior user configurable datalogging and hygiene functions allowing the operator to input user data and site information.
- Rugged stainless steel housing to provide maximum durability and RFI protection.
- Superior security and safety features.



# Technical Specifications

[www.unitedsafety.net](http://www.unitedsafety.net)

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Technical Specifications	
Size	4.75x3.19x1.68 in. / 121x81x43 mm
Weight	18.5 oz. / 524.5 g (with Li-ion battery pack)
Display	128x64 Graphic Dot-Matrix LCD with backlighting for low light conditions.
Power Sources	Rechargeable Lithium-ion battery pack Replaceable AA Alkaline battery pack
Sensors	Combustible Gas/Methane - Catalytic Diffusion Oxygen and Toxic Gases - Electrochemical
Typical battery life	Lithium-ion - 24 hours typical, 15 hours with iSP parasitic pump AA Alkaline Battery Pack - 12 hours typical
Temperature Range	-20°C to 50°C (-4°F to 122°F) typical
Humidity Range	15 to 95% RH (non-condensing)
Approvals	UL-Class I, Groups A,B,C,D T4; Class I, Zone 1, Ex ia d IIC T4 CSA-Class I, Groups A,B,C,D; Ex ia d IIC T4 MSHA-Intrinsically safe for Methane/Air mixtures only

Sensor Specifications		
Gas	Measuring Range (ppm)	Resolution (ppm)
H <sub>2</sub> S	499	1
SO <sub>2</sub>	99.9	0.1
HCN	30.0	0.1
CO	999	1
HCl	30.0	0.1
NH <sub>3</sub>	200	1
H <sub>2</sub>	999	1
Cl <sub>2</sub>	50.0	0.1
NO	499	1
NO <sub>2</sub>	99.9	0.1
PH <sub>3</sub>	1.00	0.01
ClO <sub>2</sub>	1.00	0.01
O <sub>3</sub>	1.00	0.01
O <sub>2</sub> (%by Vol.)	30%	0.1%