

# MX6 iBrid

A clearer way to monitor air quality.

## Introduction

Visualize hazardous levels of oxygen, toxic and combustible gas, and volatile organic compounds (VOCs) like never before. The MX6 iBrid™ is more than an intelligent hybrid of Industrial Scientific's best monitoring technologies. It's the first gas monitor to feature a full-color LCD display screen.

## Key Features

- 1-6 Gas monitor.
- Full-color LCD display.
- 24 Sensor options including PID and IR.
- iNet™ Ready and Docking Station™ compatible.
- Rugged design.

## Key Benefits

- The display improves safety with clear readings in low light, bright light or anywhere in between.
- Allows the user to easily navigate through instrument settings and functions with an intuitive menu.
- On-board graphs allow for easily interpreted direct readings and recorded data.



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Technical Specifications	
Instrument Warranty	Warranted for as long as the instrument is supported by Industrial Scientific Corporation
Case Material	Lexan/ABS/Stainless Steel w/protective rubber over mold
Dimensions	135 mm x 77 mm x 43 mm (5.3" x 3.05" x 1.7") – without pump 167 mm x 77 mm x 56 mm (6.6" x 3.1" x 2.2") – with pump
Weight	409 g (14.4 oz) typical – without pump 511 g (18.0 oz) typical – with pump
Display/ Readout	Color Graphic Liquid Crystal Display
Power Source/ Run Times	Rechargeable Lithium-ion (Li-ion) Battery Pack (24 hours) – without pump Rechargeable, Extended-Range Lithium-ion (Li-ion) Battery Pack (36 hours) – without pump Replaceable AA Alkaline Battery Pack (10.5 hours) – without pump
Operating Temperature Range	-20°C to 55°C (-4°F to 131°F)
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## Certifications

Certificate	Category
UL	Class I, Groups A,B,C,D T4; Class II, Groups F,G; AEx ia d IIC T4
CSA	Class I, Groups A,B,C,D T4; Ex d ia IIC T4
MSHA	CFR30, Part 22, Intrinsically safe for methane/air mixtures
ATEX	Ex ia IIC T4 Ga / Ex ia I Ma; IP65 (IP64 pump version); Equipment Group and Category: II 1G / I M1 (I M2 w/IR sensor)
IECEx	Ex ia IIC T4 Ga / Ex ia I (Ex ia d I w/IR sensor)
ANZEx	Ex ia s Zone 0 I, IP64 Asp., IP65 Dif. Ex ia s Zone 0 IIC T4
INMETRO	BR - Ex ia d IIC T4 Gb
GOST-R	PBExiadl X / 1ExiadIIC T4 X
KOSHA	Ex d ia IIC T4
China Ex	Ex ia d IIC T4
China CPC	Metrology Approval

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## Measuring Ranges

Sensor		Range	Resolution
CATALYTIC BEAD	Combustible Gas	0-100% LEL	1%
	Methane	0-5% vol	0.01%
ELECTRO CHEMICAL	Ammonia	0-500 ppm	1
	Carbon Monoxide	0-1,500 ppm	1
	Carbon Monoxide (High Range)	0-9,999 ppm	1
	Carbon Monoxide/ Hydrogen low	0-1,500 ppm	1
	Chlorine	0-50 ppm	0.1
	Chlorine Dioxide	0-1 ppm	0.01
	Carbon Monoxide/ Hydrogen Sulfide (COSH)	CO: 0-1,500 ppm H <sub>2</sub> S: 0-500 ppm	1 0.1
	Hydrogen	0-2,000 ppm	1
	Hydrogen Chloride	0-30 ppm	0.1
	Hydrogen Cyanide	0-30 ppm	0.1
	Hydrogen Sulfide	0-500 ppm	0.1
	Nitric Oxide	0-1,000 ppm	1
	Nitrogen Dioxide	0-150 ppm	0.1
	Oxygen	0-30% vol	0.1%
	Phosphine	0-5 ppm	0.1
	Phosphine (High Range)	0-1,000 ppm	1
Sulfur Dioxide	0-150 ppm	0.1	
INFRARED	Hydrocarbons	0-100% LEL	1%
	Methane (% vol)	0-100% vol	1%
	Methane (% LEL)	0-100% LEL	1%
	Carbon Dioxide	0-5% vol	0.01%
PHOTOIONIZATION	VOC	0-2,000 ppm	0.1