

# iBRID™ MX6

Multi-Gas Monitor

## ■ The World's First Gas Monitor with a Full-Color Display



Get ready to see 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.

The display improves safety with clear readings in low-light, bright-light or anywhere in between. Whether the work is outside, inside or underground, it's easy to see what gas hazards lurk in the

immediate work environment.

And a color display is more than eye-catching. It allows the user to step through instrument settings and functions with an intuitive menu and the instrument's five-way navigation button. It even supports the option of on-board graphing for easily interpreted direct readings and recorded data.

Plus, the MX6 iBRID is our most rugged instrument ever. It carries a lifetime warranty and is fully compatible with our DS2 Docking Station™ and iNet™ Instrument Network.

**INDUSTRIAL  
SCIENTIFIC**

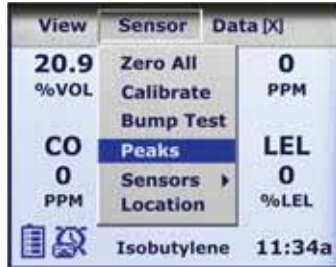


### THE MX6 iBRID™ COLOR DISPLAY

Enhanced Visibility – Expanded Functionality



The MX6 clearly shows real-time readings in PPM or % by volume.



An intuitive menu provides easy access to features and setup.



Datalog trends and direct readings can be viewed graphically.



Calibration progress and results are shown for each sensor.



A "calibration due" warning appears for each relevant sensor.



Bright red numerals and a flashing backlight show alarm conditions.



Alarms shown with "Go/No Go" text and flashing backlight.



Color-coded text shows test or calibration results at a glance.

## ACCESSORIES



- Stand-alone operation
- Link up to 100 IDS modules – dock thousands of instruments
- Automatic instrument calibration, record keeping, diagnostics and recharging
- Utilizes one central database
- Multilingual display
- iNet™ compatible

## CHARGER / DATALINK



- Instantly download event logs and datalog data while instrument battery charges
- Quickly and easily configure instrument settings
- Also available – datalink only



- The aspirated version can remotely draw samples from a distance of 30.5 meters (100 feet).

## ORDERING INFORMATION

MX6 iBrid™ Part Number – MX6- <b>ABCDEFGHIJ</b>			
<b>A-E</b> (Common Configurations)	<b>F</b>	<b>G</b>	<b>H</b>
K1230 – LEL, CO, H <sub>2</sub> S, O <sub>2</sub>	1 – Li-ion	0 – Diffusion	0 – English (No Manual)
K0230 – LEL, H <sub>2</sub> S, O <sub>2</sub>	2 – Li-ion/Ext. Range	1 – Pump	1 – English
K1030 – LEL, CO, O <sub>2</sub>	3 – Alkaline		2 – French
K0030 – LEL, O <sub>2</sub>	4 – Li-ion MSHA/AUS		3 – Spanish
K123R – LEL, CO, H <sub>2</sub> S, O <sub>2</sub> , PID	5 – Li-ion/Ext. Range		4 – German
K1235 – LEL, CO, H <sub>2</sub> S, O <sub>2</sub> , SO <sub>2</sub>	MSHA/AUS		5 – Italian
K0235 – LEL, H <sub>2</sub> S, O <sub>2</sub> , SO <sub>2</sub>	6 – Alkaline MSHA/AUS		6 – Dutch
<b>A-E</b> (Common Industry Configurations)			7 – Bahasa
KJ53R – LEL, CO/H <sub>2</sub> S, O <sub>2</sub> , SO <sub>2</sub> , PID Petroleum Refining			8 – Portugese
K103Q – LEL, CO, O <sub>2</sub> , CO <sub>2</sub> Brewing/Bottling/Wineries			
KJ538 – LEL, CO/H <sub>2</sub> S, O <sub>2</sub> , SO <sub>2</sub> , ClO <sub>2</sub> Pulp/Paper			
K673R – LEL, O <sub>2</sub> , NH <sub>3</sub> , Cl <sub>2</sub> , PID HazMat			
M1030 – CH <sub>4</sub> (%), CO, O <sub>2</sub> Mining			
M143D – CH <sub>4</sub> , CO, O <sub>2</sub> , NO <sub>2</sub> , NO Mining (Diesel Applications)			

Build and price your MX6 online with the MX6 instrument builder.

[www.indsci.com/MX6builder.asp](http://www.indsci.com/MX6builder.asp)

### ACCESSORY ORDERING INFORMATION

PART #	DESCRIPTION	PART #	DESCRIPTION
MX6KIT-K1230211	Confined Space Kit, 4-gas w/Pump	18107243	MX6 Truck mount charger
MX6KIT-K123R211	Confined Space Kit, 4-gas/PID w/Pump	18107250	MX6 Truck mount charger, hard-wired
18106765	SP6 Motorized Sampling Pump Module	17131038-1	Li-ion Battery Pack, UL/CSA/ATEX
18107078	Hand Aspirated Pump	17131038-2	Li-ion Ext. Battery Pack, UL/CSA/ATEX
18106724-ABC+	DS2 Docking Station™ for MX6	17131038-4	Li-ion Battery Pack, MSHA/AUS
18107086	Datalink Assembly	17131038-5	Li-ion Ext. Battery Pack, MSHA/AUS
18107094	Battery Charger/Datalink, universal	17131046-3	Alkaline Battery Pack, UL/CSA/ATEX
18107011	Battery Charger, 12V	18101046-6	Alkaline Battery Pack, MSHA/AUS
18107136	Battery Charger, 5-Unit	18106856	Hard Leather Carrying Case, Diffusion
		18106880	Hard Leather Carrying Case, Aspirated

#### + Ordering Information

A = Wireless Compact Flash (0 – none, 1 – installed +\$125.00)

B = number of iGas Readers at \$45.00 each

C = Power Cord (0 – US, 1 – UK, 2 – EU, 3 – AUS, 4 – ITA, 5 – DEN, 6 – SWZ)

**Supplied with Monitor:** universal charger, nylon carrying case, belt clip, calibration cup, wrist strap, maintenance tool, manual, quick start guide, training CD, calibration tubing, dust filter/water stop (aspirated), calibration fitting (aspirated), sample tubing (aspirated).



**Case Material:**

Lexan/ABS/Stainless Steel w/protective rubber overmold

**Dimensions:**

135 mm x 77 mm x 43 mm (5.3" x 3.05" x 1.7") – diffusion version

**Weight:**

409 g (14.4 oz) typical

**Display/Readout:**

STN Color Graphic LCD

**Sensors:**

Combustible gas/Methane – Catalytic Diffusion/Infrared  
Oxygen and Toxic gases – Electrochemical  
CO<sub>2</sub> – Infrared  
VOCs – Photolionization

**Measuring Ranges:**

Combustible Gases – 0 to 100% LEL in 1% increments  
Methane – 0 to 5% of volume in 0.1% increments  
(0 to 100% vol. optional)  
Oxygen – 0 to 30% of volume in 0.1% increments  
Carbon Monoxide – 0 to 999 ppm in 1 ppm increments  
(0 to 9,999 ppm optional)  
Hydrogen Sulfide – 0 to 500 ppm in 0.1 ppm increments  
Hydrogen, Nitric Oxide – 0 to 999 ppm in 1 ppm increments  
Chlorine – 0 to 99.9 ppm in 0.1 ppm increments  
Nitrogen Dioxide, Sulfur Dioxide – 0 to 99.9 ppm in 0.1 ppm increments  
Hydrogen Cyanide, Hydrogen Chloride – 0 to 30 ppm in 0.1 ppm increments  
Ammonia – 0 to 200 ppm in 1 ppm increments  
Chlorine Dioxide – 0 to 1 ppm in 0.01 ppm increments  
Phosphine – 0 to 5 ppm in 0.01 ppm increments  
(0 to 999 ppm optional)  
Ethylene Oxide – 0 to 10 ppm in 0.1 ppm increments  
Carbon Dioxide – 0 to 5% of volume in 0.1% increments  
VOCs (general) – 0 to 2,000 ppm in 0.1 increments

**Operating Temperature Range:**

-20°C to 55°C (-4°F to 131°F) typical

**Operating Humidity Range:**

15% to 95% non-condensing (continuous) typical

**Power Source/Run Times:**

Rechargeable Lithium-ion (Li-ion) Battery Pack (24 hours typical)  
Rechargeable, Extended-Range Lithium-ion (Li-ion) Battery Pack  
(36 hours typical)  
Replaceable AA Alkaline Battery Pack (10.5 hours typical)

**Certifications:**

IECEX/ATEX: Intrinsic Safety: EEx ia d IIC T4  
Equipment Group and Category: II 2G  
UL: Class I, Groups A,B,C,D T4; AEx ia d IIC T4  
CSA: Class I, Groups A,B,C,D T4 (pending)  
MSHA: CFR30, Part 18 and 22,  
Intrinsically safe for methane/air mixtures (pending)

REV 0507

**INDUSTRIAL SCIENTIFIC  
CORPORATION**

**Toll-Free: 800-472-3892**

