iBRiD™ MX6

Multi-Gas Monitor

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

25 sensor options

PID and infrared sensor options

Up to 6 gases monitored simultaneously

Diffusion mode or internal sampling pump versions

"Plug-and-Play" field-replaceable sensors

Simple, user-friendly, menu-driven navigation

Full-color graphic LCD is highly visible in a variety of lighting conditions

Five-way navigation button

Powerful, 95 dB audible alarm

Durable, concussion-proof overmold

Infrared communications port (not shown)

iNet READY

DockMe DOCKING STATION COMPATIBLE

GUARANTEED. FOR LIFE.

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.

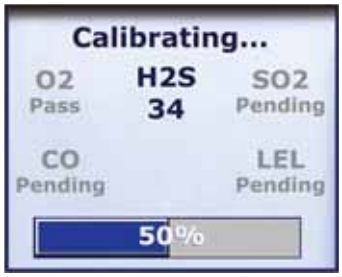
THE MX6 iBRID™ COLOR DISPLAY

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.

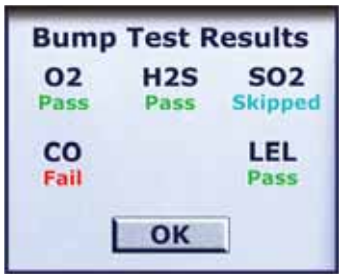


Calibration progress and results are shown for each sensor.

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

DS2 DOCKING STATION™

- 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-ABCDEFGH			
A-E (Common Configurations)	**F**	**G**	**H**
K1230 – LEL, CO, H_2S, O_2	1 – Li-ion	0 – Diffusion	0 – English (No Manual)
K0230 – LEL, H_2S, O_2	2 – Li-ion/Ext. Range	1 – Pump	1 – English
K1030 – LEL, CO, O_2	3 – Alkaline		2 – French
K0030 – LEL, O_2	4 – Li-ion MSHA/AUS		3 – Spanish
K123R – LEL, CO, H_2S, O_2, PID	5 – Li-ion/Ext. Range		4 – German
K1235 – LEL, CO, H_2S, O_2, SO_2	MSHA/AUS		5 – Italian
K0235 – LEL, H_2S, O_2, SO_2	6 – Alkaline MSHA/AUS		6 – Dutch
A-E (Common Industry Configurations)			7 – Portuguese
KJ53R – LEL, CO/H_2S, O_2, SO_2, PID Petroleum Refining			8 – Indonesian
K103Q – LEL, CO, O_2, CO_2 Brewing/Bottling/Wineries			
KJ835 – LEL, CO/H_2S, O_2, SO_2, ClO_2 Pulp/Paper			
K673R – LEL, O_2, NH_3, Cl_2, PID HazMat			
M1030 – CH_4 (%), CO, O_2 Mining			
M1D34 – CH_4 (%), CO, O_2, NO_2, NO Mining (Diesel Applications)			

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

www.indsci.com/MX6builder.asp.

ACCESSORY ORDERING INFORMATION

PART #	DESCRIPTION
MX6KIT-K1230211	Confined Space Kit, 4-gas w/Pump
MX6KIT-K123R211	Confined Space Kit, 4-gas/PID w/Pump
18106765	SP6 Motorized Sampling Pump Module
18107078	Hand Aspirated Pump
18106724-ABC+	DS2 Docking Station™ for MX6
18107086	Datalink Assembly
18107094	Battery Charger/Datalink, universal
18107011	Battery Charger, 12V
18107136	Battery Charger, 5-Unit
18107243	MX6 Truck mount charger
18107250	MX6 Truck mount charger, hard-wired

PART #	DESCRIPTION
17131038-1	Li-ion Battery Pack, UL/CSA/ATEX
17131038-2	Li-ion Ext. Battery Pack, UL/CSA/ATEX
17131038-4	Li-ion Battery Pack, MSHA/AUS
17131038-5	Li-ion Ext. Battery Pack, MSHA/AUS
17131046-3	Alkaline Battery Pack, UL/CSA/ATEX
17131046-6	Alkaline Battery Pack, MSHA/AUS
18106856-0	Hard Leather Carrying Case, Diffusion
18106856-1	Hard Leather Case, Diffusion (no display window)
18106880-0	Hard Leather Carrying Case, Aspirated
18106880-1	Hard Leather Case, Aspirated (no display window)

+ 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).

iBRiD™ MX6

SPECIFICATIONS

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_2 – Infrared
VOCs – PhotoIonization

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:
-20ºC to 55ºC (-4ºF to 131ºF) 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 1007

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