

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.

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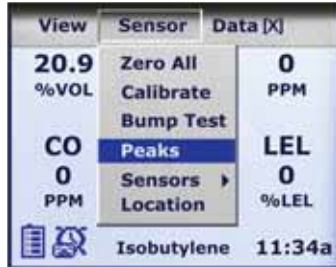


THE MX6 iBRID™ COLOR DISPLAY

Enhanced Visibility – Expanded Functionality



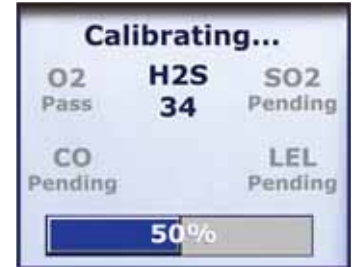
The MX6 clearly shows real-time readings in PPM or % by volume.



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.



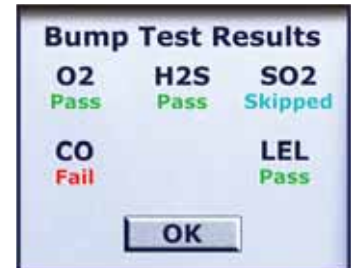
A "calibration due" warning appears for each relevant sensor.



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- ABCDEFGHI			
A-E (Common Configurations)	F	G	H
K1230 – LEL, CO, H ₂ S, O ₂	1 – Li-ion	0 – Diffusion	0 – English (No Manual)
K0230 – LEL, H ₂ S, 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 ₂ S, O ₂ , PID	5 – Li-ion/Ext. Range		4 – German
K1235 – LEL, CO, H ₂ S, O ₂ , SO ₂	MSHA/AUS		5 – Italian
K0235 – LEL, H ₂ S, O ₂ , SO ₂	6 – Alkaline MSHA/AUS		6 – Dutch
A-E (Common Industry Configurations)			7 – Portuguese
KJ53R – LEL, CO/H ₂ S, O ₂ , SO ₂ , PID Petroleum Refining			8 – Indonesian
K103Q – LEL, CO, O ₂ , CO ₂ Brewing/Bottling/Wineries			
KJ835 – LEL, CO/H ₂ S, 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.aspx

ACCESSORY ORDERING INFORMATION

PART #	DESCRIPTION	PART #	DESCRIPTION
MX6KIT-K1230211	Confined Space Kit, 4-gas w/Pump	18107086	Datalink Assembly
MX6KIT-K123R211	Confined Space Kit, 4-gas/PID w/Pump	17131038-1	Li-ion Battery Pack, UL/CSA/ATEX
18106765	SP6 Motorized Sampling Pump Module	17131038-2	Li-ion Ext. Battery Pack, UL/CSA/ATEX
18107078	Hand Aspirated Pump	17131038-4	Li-ion Battery Pack, MSHA/AUS
18106724-ABC+	DS2 Docking Station™ for MX6	17131038-5	Li-ion Ext. Battery Pack, MSHA/AUS
18106971	Replacement Battery Charger	17131046-3	Alkaline Battery Pack, UL/CSA/ATEX
18107094	Battery Charger/Datalink, universal	17131046-6	Alkaline Battery Pack, MSHA/AUS
18107011	Battery Charger, 12V	18106856-0	Hard Leather Carrying Case, Diffusion
18107136	Battery Charger, 5-Unit	18106856-1	Hard Leather Case, Diffusion (no display window)
18107243	MX6 Truck mount charger	18106880-0	Hard Leather Carrying Case, Aspirated
18107250	MX6 Truck mount charger, hard-wired	18106880-1	Hard Leather Case, Aspirated (no display window)

+ Ordering Information

A = Wireless Option (currently unavailable) 0 – none

B = number of iGas® Readers

C = Power Cord Option (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

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)

Operating Temperature Range:

-20°C to 55°C (-4°F to 131°F) typical

Operating Humidity Range:

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

Sensors:

Combustible gas/Methane – Catalytic Diffusion/Infrared

Oxygen and Toxic gases – Electrochemical

CO₂ – Infrared

VOCs – 10.6 eV Photolionization

Measuring Ranges:

Combustible Gas – 0 to 100% LEL in 1% or 10 ppm increments – Catalytic
(0 to 100% LEL in 1% increments optional – Infrared)

Methane – 0 to 5% of volume in 0.1% increments – Catalytic
(0 to 100% of volume in 1% increments optional – Infrared)

Oxygen – 0 to 30% of volume in 0.1% increments

Carbon Monoxide – 0 to 1,000 ppm in 1 ppm increments
(0 to 9,999 ppm in 1 ppm increments optional)

Hydrogen Sulfide – 0 to 500 ppm in 0.1 ppm increments

CO/H₂S (COSH) – Carbon Monoxide – 0 to 500 ppm in 1 ppm increments
– Hydrogen Sulfide – 0 to 200 ppm in 0.1 ppm increments

Hydrogen, Nitric Oxide – 0 to 1,000 ppm in 1 ppm increments

Chlorine – 0 to 100 ppm in 0.1 ppm increments

Nitrogen Dioxide, Sulfur Dioxide – 0 to 100 ppm in 0.1 ppm increments

Hydrogen Cyanide, Hydrogen Chloride – 0 to 30 ppm in 0.1 ppm increments

Ammonia – 0 to 100 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 1,000 ppm in 1 ppm increments optional)

Carbon Dioxide – 0 to 5% of volume in 0.01% increments

VOCs (general) – 0 to 2,000 ppm in 0.1 increments

Certifications:

IECEX/ATEX: Intrinsic Safety: EEx ia d IIC T4
Equipment Group and Category: II 2G

UL: Class I, Groups A,B,C,D T 4; AEx ia d IIC T4

CSA: Class I, Groups A,B,C,D T4

MSHA: CFR30, Part 18 and 22,
Intrinsically safe for methane/air mixtures (pending)

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