Specifications Sheet

iBRiD® MX6

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 most adaptable six-gas monitor on the market. With hundreds of possible sensor combinations, and a robust list of available configuration settings, the MX6 iBrid is ready to monitor oxygen, toxic and combustible gas, and volatile organic compounds (VOCs).

As your work changes, so can your MX6 iBrid. It uses five sensor slots to detect up to six gases. Each of those sensor slots accepts a variety of sensors, which means you can use the instrument with a PID sensor one day and an infrared sensor the next. What's more, settings allow you to adapt the instrument's behavior for your application. If you need to use a benzene PID response factor for one application, and butadiene for others, the familiar menu structure will allow you to quickly change settings.

The rugged MX6 iBrid carries our Guaranteed for Life™ warranty and is compatible with DSX™ Docking Stations. With a DSX Docking Station, maintenance is simplified and data becomes more than a spreadsheet filled with logged readings. Proactively manage your gas detection fleet—track trends, know when instrument maintenance will be required, and understand how your MX6 iBrid instruments are being used.

- 24 "Plug-and-Play" field-replaceable sensors including PID and Infrared options
- Up to 6 gases monitored simultaneously
- Simple, user-friendly, customizable, menu-driven navigation
- Five-way navigation button
- Durable, concussion-proof overmold
- Optional integral sampling pump with strong 30.5 meter (100 feet) sample draw
- Full-color graphic LCD is highly visible in a variety of lighting conditions
- Powerful, 95 dB audible alarm

INDUSTRIAL SCIENTIFIC

SPECIFICATIONS*

INSTRUMENT WARRANTY
Warranted for as long as the instrument is supported by Industrial Scientific

CASE MATERIAL
Lexan/ABS/Stainless Steel with protective rubber overmold

DIMENSIONS
135 x 77 x 48 mm (5.3 x 3.05 x 1.9 in) without Pump
193 x 77 x 56 mm (7.6 x 3.1 x 2.2 in) 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, Extended-Range Lithium-ion Battery Pack (36 hours) without Pump
Rechargeable, Extended-Range Lithium-ion Battery Pack (20 hours) with Pump
Replaceable AA Alkaline Battery Pack (10.5 hours) without Pump

OPERATING TEMPERATURE RANGE
-20 °C to 55 °C (-4 °F to 131 °F)

OPERATING HUMIDITY RANGE
15% to 95% non-condensing (continuous)

CERTIFICATIONS
INGRESS PROTECTION IP64

ANZEx:	Ex ia s Zone 0 I; Ex ia s Zone 0 IIC T4
ATEX:	Ex ia IIC T4 Ga; II 1G (or Ex d ia IIC T4 Gb IR sensor); Ex ia I; Equipment Group and Category: I M1/II 1G
China CPC:	Metrology Approval
China Ex:	Ex ia d I/IIC T4
CMA:	Approval for Mining Products; CH_4, O_2, CO, CO_2
CSA:	Cl I, Gr A-D T4; Ex d ia IIC T4
EAC:	PBExiadI X; 1ExiadIICT4 X
IECEx:	Ex ia I (Ex ia d I IR sensor); Ex ia IIC T4 Ga; Ex d ia IIC T4 Gb
INMETRO:	Ex ia IIC T4 Ga
KC:	Ex d ia IIC T4
KIMM:	Ex d ia IIC T4
MDR:	Registration of Plant Design; CH_4, O_2, CO, H_2S, NO_2
MSHA:	30 CRF, Part 22, Intrinsically safe for methane/air mixtures
PA-DEP:	BFE 114-08 Permissible for PA Bituminous Underground Mines
UL:	Cl I, Div 1, Gr A-D, T4; Cl II, Groups F G; Cl I, Zone LEL 0, AEx ia d IIC T4 (or AEx ia d IIC T4 IR sensor)

MEASURING RANGES SENSOR	RANGE	RESOLUTION
CATALYTIC BEAD		
Combustible Gas	0-100% LEL	1%
Methane	0-5% vol	0.01%
ELECTROCHEMICAL		
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	0-1,000 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_2S: 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	0.01
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

* These specifications are based on performance averages and may vary by instrument.

For a list of classes, videos, or to download the GDME App, visit www.indsci.com/training

Which Accessories Will You Need?

CHECKLIST

- ☐ Docking Stations
- ☐ Calibration Stations
- ☐ Compliance Tracking Software (iNet Control)
- ☐ Probes
- ☐ Sample Tubing
- ☐ Confined Space Kits
- ☐ Spare Batteries
- ☐ Replacement Sensors
- ☐ Desktop Chargers
- ☐ Vehicle Chargers
- ☐ Multi-Unit Chargers
- ☐ Carrying Cases
- ☐ Filters

For a list of all accessories, visit: www.indsci.com/mx6

INDUSTRIAL SCIENTIFIC
www.indsci.com Rev 2 0319

AMERICAS
Phone: +1-412-788-4353
1-800-DETECTS (338-3287) | info@indsci.com

ASIA PACIFIC
Phone: +65-6561-7377
Fax: +65-6561-7787 | info@ap.indsci.com

EMEA
Phone: +33 (0)1 57 32 92 61
Fax: +33 (0)1 57 32 92 67 | info@eu.indsci.com