An easy and flexible way to do gas detection.

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 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 is compatible with our DS2 Docking Station™ and iNet.

Don’t Buy Gas Detectors

Subscribe to Gas Detection as a Service

It gives you help from The Gas Detection People.

Let us handle your gas detection program. Gas detection is probably not core to what you do. But, it’s all that we do. It’s what we love to do.

It gives you a safer workplace.

On average, gas detectors go into high alarm once every ten days. How many high alarms did your facility have? iNet gives you information and tools to fix problems before they happen.

It gives you cost savings.

The list price is only part of a gas detector’s total cost. You have to maintain it. You have to wait for it to be serviced. iNet eliminates unnecessary ownership and maintenance costs.

iNet Compatible for Increased Safety, Cost Savings and Productivity

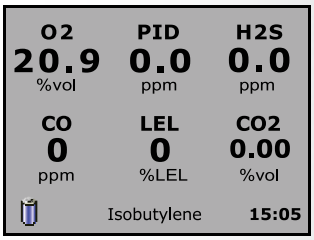
iNet is a software-based service that manages your fleet of gas detectors. iNet solves the most common gas detection problems. For example, iNet keeps people safe by providing visibility into alarms, exposure and usage. It keeps gas detectors working without costly and time-consuming maintenance. And with iNet, you won’t have to buy the MX6. So why do it?

How Does iNet Work?

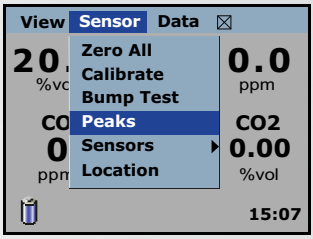
1. Operators dock gas detectors owned by Industrial Scientific.
2. Docking Stations perform bump tests, calibrations and record-keeping.
3. iNet Control provides visibility into your gas detection program via the Web.
4. iNet e-mails real-time alerts and status reports.
5. When iNet detects a problem, Industrial Scientific rushes a replacement gas detector to you.

THE MX6 iBRID COLOR DISPLAY

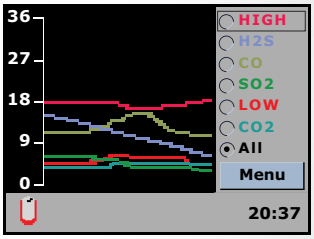
Enhanced Visibility – Expanded Functionality



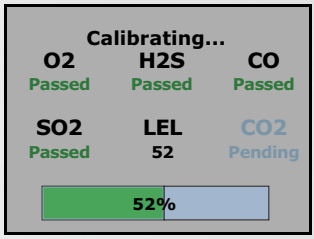
The MX6 clearly shows real-time readings in PPM or % by volume.



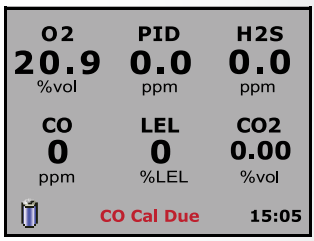
An intuitive menu provides easy access to features and setup.



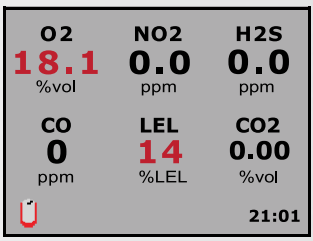
Datalog trends and direct readings can be viewed graphically.



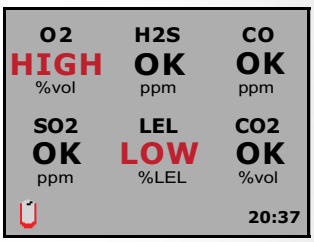
Calibration progress and results are shown for each sensor.



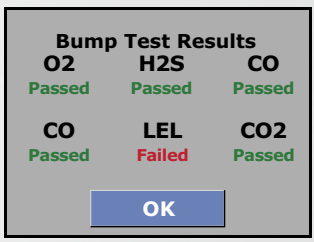
A “calibration due” warning appears for each relevant sensor.



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.

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MX6 BASE UNIT	SENSORS OPTIONS	BATTERY OPTIONS	VERSION OPTIONS	AGENCY CERTIFICATIONS	LANGUAGE OPTIONS	
Supplied with monitor: Universal charger, nylon carrying case, belt clip, calibration cup, wrist strap, manual, quick start guide, dust filter/water stop (with pump), sample tubing (with pump).	**Combustible Gases:** LEL (Pentane); LEL (Methane); CH_4 IR (0-100% vol.); CH_4 (0-5%); Hydrocarbons IR (0-100% LEL) **Volatile Organic Compounds:** PID **Toxic Gases:** H_2S, O_2, NO_2, CO, CO/H_2S; NH_3, Cl_2, ClO_2, PH_3, CO High; SO_2, HCl, HCN, H_2, PH_3 High; NO, CO/H_2 low interference, CO_2 IR	Li-ion	Diffusion	UL/CSA	English	Portuguese
		Li-ion/Ext. Range	Pump	ATEX/IECEx	French	Indonesian
		Alkaline		MSHA/ANZEx	Spanish	Russian
				GOST-R	German	Polish
				INMETRO	Italian	Czech
				KOSHA	Dutch	
				China EX		
				China CPC		

Build and price your MX6 online with the MX6 instrument builder.
www.indsci.com/MX6builder.aspx

COMMON INSTRUMENT CONFIGURATIONS

PART NO.	DESCRIPTION
MX6-K1230201	MX6 - LEL (Pentane), CO, H_2S, O_2, Ext. Li-ion
MX6-K123R111	MX6 - LEL (Pentane), CO, H_2S, O_2, PID, Li-ion, Pump
MX6-L1230111	MX6 - LEL (Methane), CO, H_2S, O_2, Li-ion, Pump
MX6-M103Q211	MX6 - Methane, CO, O_2, CO_2 IR, Ext. Li-ion, Pump
MX6-MDH34211	MX6 - Methane, NO, CO high range, O_2, NO_2, Ext. Li-ion, Pump
MX6-K1235111	MX6 - LEL (Pentane), CO, H_2S, O_2, SO_2, Li-ion, Pump
MX6-KJ635101	MX6 - LEL (Pentane), CO/H_2S, NH_3, O_2, SO_2, Li-ion
MX6-MH23Q201	MX6 - Methane, CO high range, H_2S, O_2, CO_2, Ext Li-ion

COMMON INDUSTRY CONFIGURATIONS

MX6-KJ53R211	MX6 - LEL, CO/H_2S, O_2, SO_2, PID, Extended Li-ion, Pump Petroleum Refining
MX6-K103Q211	MX6 - LEL, CO, O_2, CO_2, Extended Li-ion, Pump Brewing/Bottling/Wineries
MX6-KJ835101	MX6 - LEL, CO/H2S, O_2, SO_2, ClO_2, Li-ion Pulp/Paper
MX6-K673R211	MX6 - LEL, O_2, NH_3, Cl_2, PID, Extended Li-ion, Pump HazMat
MX6-M1030401	MX6 - CH_4 (%), CO, O_2, Li-ion (MSHA/AUS) Mining
MX6-M1D34401	MX6 - CH_4 (%), CO, O_2, NO_2, NO, Li-ion Extended (MSHA/AUS) Mining (Diesel Applications)

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

ACCESSORIES

PART NO.	DESCRIPTION
MX6KIT-0000R211	MX6 kit - PID, Extended Li-ion, with pump
MX6KIT-K1230211	Confined space kit, 4-gas with pump
MX6KIT-K123R211	Confined space kit, 4-gas/PID with pump
18106724-ABC+	DS2 Docking Station for MX6 **+ Ordering Information** A = 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)
18106765	SP6 motorized sampling pump module
18107086	MX6 datalink assembly – software included
18106971	MX6 replacement battery charger
18107094	MX6 battery charger/datalink, universal
18107011	MX6 battery charger, 12V
18107136	MX6 battery charger, 5-Unit
18107243	MX6 truck-mount charger, 12V
18107250	MX6 truck-mount charger, (hard-wired)
17131038-1	Rechargeable Li-ion battery pack, UL/CSA/ATEX/IECEx/GOST-R/KOSHA
17131038-2	Rechargeable Li-ion entended battery pack, UL/CSA/ATEX/IECEx/GOST-R/KOSHA
17131038-4	Rechargeable Li-ion battery pack, MSHA/AUS
17131038-5	Rechargeable Li-ion extended battery pack, MSHA/AUS
17131046-3	Alkaline battery pack, UL/CSA/ATEX/IECEx/GOST-R/KOSHA
17131046-6	Alkaline battery pack, MSHA/AUS
18106856-0	MX6 without pump, hard leather carrying case
18106856-1	MX6 without pump, hard leather case, no display window
18106880-0	MX6 with pump, hard leather carrying case
18106880-1	MX6 with pump, hard leather case, no display window
18106831	Nylon carrying case, supplied with MX6 without pump
18106864	Nylon carrying case, supplied with MX6/SP6 with pump
17095746	MX6/iTX maintenance tool
17128489	MX6 Calibration cup
17153749	MX6 screen protector, 10 pack
17153760	MX6 screen protector, 100 pack

SP6 MOTORIZED SAMPLING PUMP

CHARGER / DATALINK

- Instantly download event logs and datalog data while instrument battery charges
- Quickly and easily configure instrument settings

MULTI-UNIT CHARGER

CHARGER

TRUCK MOUNT CHARGER

LEATHER CASES

MX6 CONFINED SPACE KIT

Cylinder shown with iGas Card Reader

Choice of MX6 monitor, universal charger, nylon carrying case, belt clip, calibration cup, wrist strap, maintenance tool, manual, quick start guide, calibration tubing, dust filter/water stop (with pump), calibration fitting (with pump), sample tubing (with pump), calibration gas (appropriate mix) with regulator, spare replaceable cell alkaline battery pack, rugged Pelican® case.

iBRiD™ MX6

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 overmold

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:
-20ºC to 55ºC (-4ºF to 131ºF)

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

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

CERTIFICATIONS:

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; IP64; 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; Ex ia s Zone 0 IIC T4
INMETRO:	Ex ia IIC T4 Ga
GOST-R:	PBExiadI X / 1ExiadIICT4 X
KOSHA:	Ex d ia IIC T4
China Ex:	Ex ia d I/IIC T4
China CPC:	Metrology Approval

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

OHSAS 18001 Certified
ISO 9001 Certified
ISO 14001 Certified

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