The World's First Gas Monitor with a Full-Color Display you don't have to buy.

There's a better way to do gas detection with iNet and MX6.

iBRID™ MX6

PID and infrared sensor options

24 sensor options

Diffusion mode or internal sampling pump versions

Simple, user-friendly, menu-driven navigation

Five-way navigation button

Durable, concussion-proof overmold

Up to 6 gases monitored simultaneously

"Plug-and-Play" field-replaceable sensors

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

Powerful, 95 dB audible alarm

Infrared communications port (not shown)

DockMe DOCKING STATION COMPATIBLE

iNet Ready

GUARANTEED. FOR LIFE.

Using the MX6 with iNet is a better way to do gas detection.

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.

The Gas Detection People

INDUSTRIAL SCIENTIFIC

www.indsci.com

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 carries a lifetime warranty and is fully compatible with our DS2 Docking Station™ and iNet™.

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.

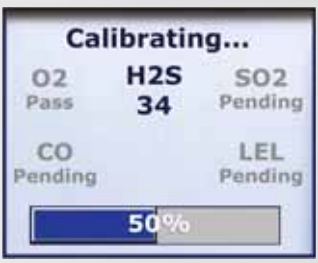
THE MX6 iBRID™ COLOR DISPLAY

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	LANGUAGE OPTIONS
Supplied with Monitor: universal charger, nylon carrying case, belt clip, calibration cup, wrist strap, maintenance tool, manual, quick start guide, calibration tubing, dust filter/water stop (aspirated), calibration fitting (aspirated), sample tubing (aspirated).	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	English
		Li-ion/Ext. Range	Pump	French
		Alkaline		Spanish
		Li-ion MSHA/AUS		German
		Li-ion/Ext. Range MSHA/AUS		Italian
		Alkaline MSHA/AUS		Dutch
		Li-ion GOST		Portuguese
		Li-ion/Ext. Range GOST		Indonesian
		Alkaline GOST		Russian
				Polish
				Czech

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

www.indsci.com/MX6builder.aspx

MOST COMMON INSTRUMENT CONFIGURATIONS	
PART NO.	**DESCRIPTION**
MX6-K1230101	MX6 - LEL, CO, H_2S, O_2, Li-ion
MX6-K0230101	MX6 - LEL, H_2S, O_2, Li-ion
MX6-K1030101	MX6 - LEL, CO, O_2, Li-ion
MX6-K0030101	MX6 - LEL, O_2, Li-ion
MX6-K123R211	MX6 - LEL, CO, H_2S, O_2, PID, Ext. Li-ion, Pump
MX6-K1235101	MX6 - LEL, CO, H_2S, O_2, SO_2, Li-ion
MX6-K0235101	MX6 - LEL, H_2S, O_2, SO_2, Li-ion
MX6-0000R211	MX6 - PID, Ext. Li-ion, Pump
COMMON INDUSTRY CONFIGURATIONS	
MX6-KJ53R211	MX6 - LEL, CO/H_2S, O_2, SO_2, PID, Ext. Li-ion, Pump Petroleum Refining
MX6-K103Q211	MX6 - LEL, CO, O_2, CO_2, Ext. 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, Ext. 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 Ext. (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, Ext. Li-ion, Pump
MX6KIT-K1230211	Confined Space Kit, 4-gas w/Pump
MX6KIT-K123R211	Confined Space Kit, 4-gas/PID w/Pump
18106724-ABC+	DS2 Docking Station™ for MX6 + 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)
18106765	SP6 Motorized Sampling Pump Module
18107078	MX6 Constant Flow Hand Aspirated Pump
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/INMETRO/GOST
17131038-2	Rechargeable Li-ion Ext. Battery Pack, UL/CSA/ATEX/IECEx/INMETRO/GOST
17131038-4	Rechargeable Li-ion Battery Pack, MSHA/AUS
17131038-5	Rechargeable Li-ion Ext. Battery Pack, MSHA/AUS
17131046-3	Alkaline Battery Pack, UL/CSA/ATEX/IECEx/INMETRO/GOST
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)
18106831	Nylon Carrying Case, MX6 (supplied w/MX6 diffusion)
18106864	Nylon Carrying Case, MX6/SP6 (supplied w/MX6 aspirated)

ASPIRATED MX6

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

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

LEATHER CASES

TRUCK MOUNT CHARGER

MX6 CONFINED SPACE KIT

Cylinder shown with iGas Card Reader

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 – diffusion version

Display/Readout:
STN Color Graphic LCD

Power Source/Run Times:
Rechargeable Lithium-ion (Li-ion) Battery Pack (24 hours typical) – diffusion version
Rechargeable, Extended-Range Lithium-ion (Li-ion) Battery Pack (36 hours typical) – diffusion version
Replaceable AA Alkaline Battery Pack (10.5 hours typical) – diffusion version

Operating Temperature Range:
-20ºC to 55ºC (-4ºF to 131ºF) typical

Operating Humidity Range:
15% to 95% non-condensing (continuous) typical

Sensors:
Combustible gas/Methane – Catalytic Diffusion/Infrared
Oxygen and Toxic gases – Electrochemical
CO_2 – Infrared
VOCs – 10.6 eV PhotoIonization

Measuring Ranges:
Combustible Gas – 0 to 100% LEL in 1% or 10 ppm increments – Catalytic (0 to 100% LEL in 1% increments – Infrared)
Methane – 0 to 5% of volume in 0.1% increments – Catalytic (0 to 100% of volume in 1% increments – 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/H_2S – 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:
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 18 and 22, Intrinsically safe for methane/air mixtures
IECEx/ATEX – EEx ia d I/IIC; IP65 (IP64 pump version)
Equipment Group and Category: II 2G / I M1 (I M2 w/IR sensor)
INMETRO – BR-ExdiallCT4
GOST-R – PBExiadI X / 1ExiadIICT4 X

ISO9001:2000 CERTIFIED

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