The world's first gas monitor with a full-color display you don't have to buy.
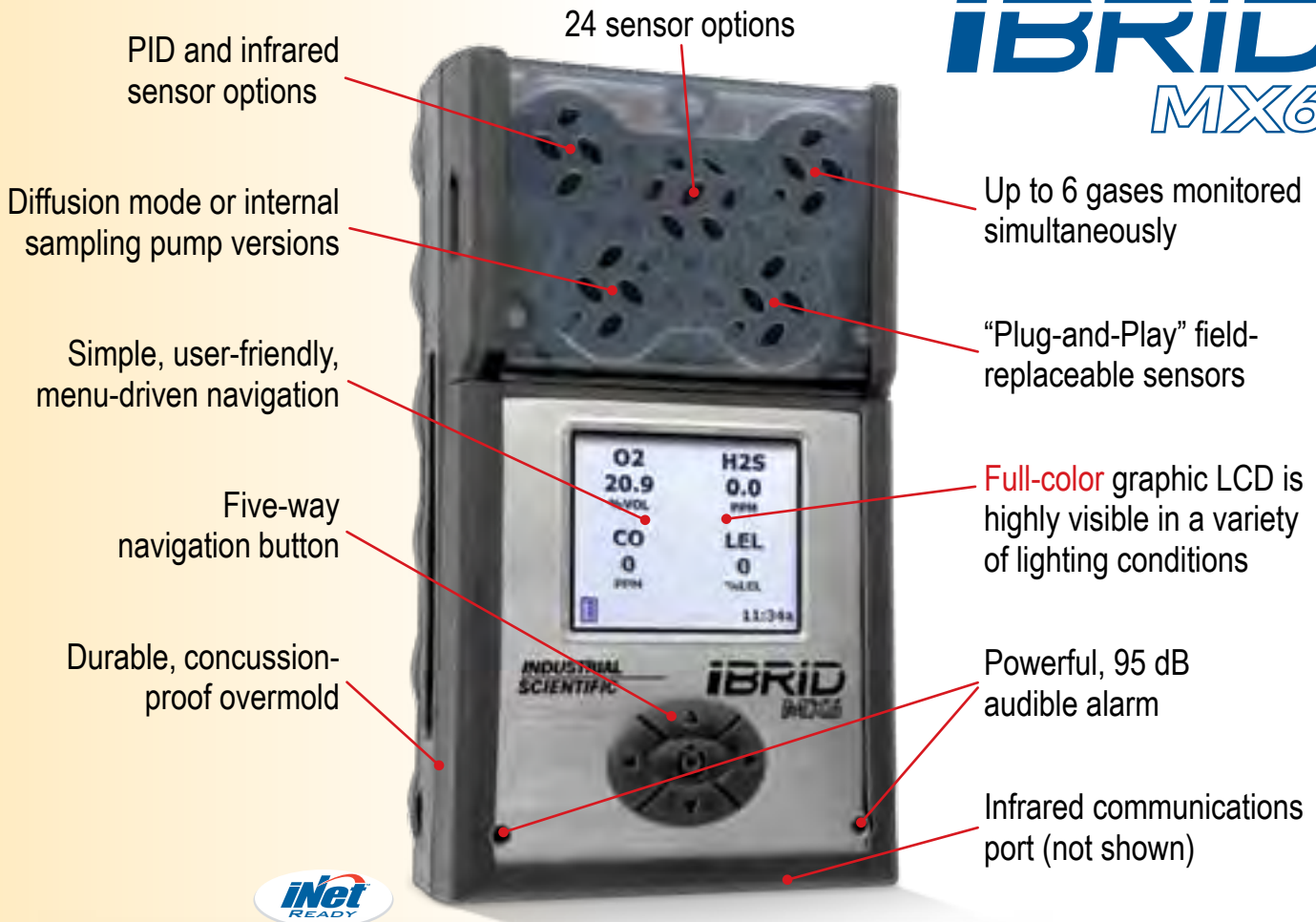
There's a better way to do gas detection with iNet® and the MX6.

iBRID™ MX6

24 sensor options

PID and infrared 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)

Display readings: O2 20.9 %VOL, H2S 0.0 PPM, CO 0 PPM, LEL 0 %LEL, 11:34a

INDUSTRIAL SCIENTIFIC — iBRID

iNet READY

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 full warranty* and is 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?

*Industrial Scientific Corporation's MX6 iBrid portable gas monitors are warranted to be free from defects in material and workmanship under normal and proper use and service for as long as the instrument is supported by Industrial Scientific Corporation.

The above warranty does not include sensors, battery packs, and internal pumps, which are warranted to be free from defects in material and workmanship for 24 months from date of shipment, except where otherwise stated in writing in Industrial Scientific literature accompanying the product.
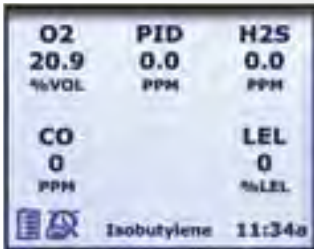
How Does iNet Work?

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.

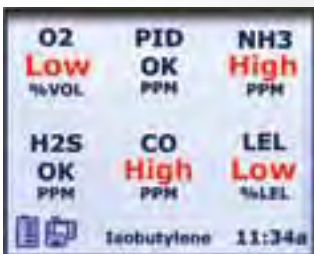Datalog trends and direct readings can be viewed graphically.

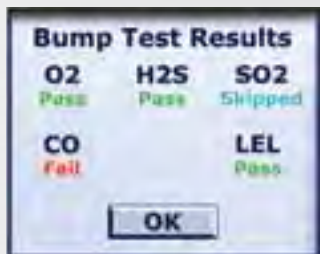Calibration progress and results are shown for each sensor.

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.

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 pmp), 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:**		Li-ion	Diffusion	UL/CSA	English	Portuguese
	H_2S O_2 NO_2 CO CO/H_2S		Li-ion/Ext. Range	Pump	ATEX/IECEx	French	Indonesian
	NH_3 Cl_2 ClO_2 PH_3 CO High		Alkaline		MSHA/ANZEx	Spanish	Russian
	SO_2 HCl HCN H_2 PH_3 High				GOST-R	German	Polish
	NO CO/H_2 low interference CO_2 IR				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

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

PART NO.	DESCRIPTION
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)

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 = 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
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-R/KOSHA
17131038-2	Rechargeable Li-ion entended battery pack, UL/CSA/ATEX/IECEx/INMETRO/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/INMETRO/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

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

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MX6 WITH PUMP

• This 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

TRUCK MOUNT CHARGER

LEATHER CASES

MX6 CONFINED SPACE KIT

Cylinder shown with iGas Card Reader

INSTRUMENT WARRANTY:

Warranted for as long as the instrument is supported by Industrial Scientific Corporation (sensors, battery packs and internal pumps warranted for 24 months)

CASE MATERIAL:

Lexan/ABS/stainless steel with protective rubber overmold

DIMENSIONS:

135 mm x 77 mm x 43 mm (5.3" x 3.05" x 1.7")

WEIGHT:

409 g (14.4 oz)

DISPLAY/READOUT:

Color graphic Liquid Crystal Display

POWER SOURCE/RUN TIMES:

Rechargeable lithium-ion battery pack (24 hours)

Rechargeable, extended-range lithium-ion battery pack(36 hours typical)

Replaceable AA alkaline battery pack (10.5 hours)

OPERATING TEMPERATURE RANGE:

-20ºC to 55ºC (-4ºF to 131ºF)

OPERATING HUMIDITY RANGE:

15% to 95% non-condensing (continuous)

SENSORS:

Combustible gas/methane – catalytic diffusion/infrared
Oxygen and toxic gases – electrochemical
CO_2 – infrared
VOCs – 10.6 eV photoIonization

* Specifications are based on the instrument without the pump and performance averages and may vary by instrument.

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 0.01% 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 1,500 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 1,500 ppm in 1 ppm increments
          – Hydrogen Sulfide – 0 to 500 ppm in 0.1 ppm increments
Hydrogen – 0 to 2,000 ppm in 1 ppm increments
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 150 ppm in 0.1 ppm increments
Hydrogen Cyanide, Hydrogen Chloride –
   0 to 30 ppm in 0.1 ppm increments
Ammonia – 0 to 500 ppm in 1 ppm increments
Chlorine Dioxide – 0 to 1 ppm in 0.01 ppm increments
Phosphine – 0 to 10 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:	30 CFR Part 22; Permissible for Underground Mines
ATEX:	Ex ia IIC T4 Ga / Ex ia I Ma; IP65 (IP64 pump version); 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 Asp., IP65 Dif. Ex ia s Zone 0 IIC T4
INMETRO:	BR - Ex ia d IIC T4 Gb
GOST-R:	PBExiadI X / 1ExiadIICT4 X
KOSHA:	Ex d ia IIC T4
China EX:	Ex ia d I/IIC T4
China CPC:	Metrology Approval

ISO 9001:2008 CERTIFIED   ISO 14001:2004 CERTIFIED

Ex-Ox-Tox Gasdetectie
Westerdreef 5V
2152 CS Nieuw-Vennep
Telefoon: 0252 620885
E-mail: info@exoxtox.nl
Website: www.exoxtox.nl

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