



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**



**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.

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?





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.



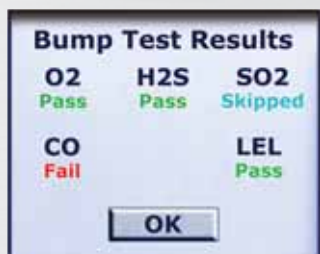
A "calibration due" warning appears for each relevant sensor.



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.

**INDUSTRIAL
SCIENTIFIC**

www.indsci.com

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)	Li-ion	Diffusion	English	
	Volatile Organic Compounds: PID	Toxic Gases: H ₂ S O ₂ NO ₂ CO CO/H ₂ S 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/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 ₂ S, O ₂ , Li-ion
MX6-K0230101	MX6 - LEL, H ₂ S, 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 ₂ S, O ₂ , PID, Ext. Li-ion, Pump
MX6-K1235101	MX6 - LEL, CO, H ₂ S, O ₂ , SO ₂ , Li-ion
MX6-K0235101	MX6 - LEL, H ₂ S, O ₂ , SO ₂ , Li-ion
MX6-0000R211	MX6 - PID, Ext. Li-ion, Pump
COMMON INDUSTRY CONFIGURATIONS	
MX6-KJ53R211	MX6 - LEL, CO/H ₂ S, 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/H ₂ S, 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)

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)



- 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



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

Cylinder shown with
iGas Card
Reader

MX6 CONFINED SPACE KIT



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:

-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 – 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/H₂S – 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 ia IIC T4

MSHA – 30 CFR, Part 18 and 22, Intrinsically safe for methane/air mixtures

IECEX/ATEX – Ex ia d IIC; IP65 (IP64 pump version)

Equipment Group and Category: II 2G / I M1 (I M2 w/IR sensor)

EN 60079-29-1; EN 50104

ANZEx – Ex ia s Zone 0 I, IP64 Asp., IP65 Dif.

Ex ia s Zone 0 IIC T4

INMETRO – BR-ExdiaIIC T4

GOST-R – PBExiadl X / 1ExiadIIC T4 X



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