



MX6 iBRID® MULTI-GAS MONITOR

The MX6 iBrid® is 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 gas detector is ready to monitor oxygen, toxic and combustible gases, and volatile organic compounds (VOCs).

- Flexible sensor configurations monitor up to six gases simultaneously
- Prescreen entries for benzene with an optional convertible kit
- Optional integral sampling pump with strong 30.5 meter (100 feet) sample draw
- Full-color LCD for easy visibility in all lighting conditions

See all features and benefits at
www.indsci.com/mx6



SPECIFICATIONS*

WARRANTY

Guaranteed for Life™**. Warranted for as long as the instrument is supported by Industrial Scientific Corporation

CASE MATERIAL

Lexan/ABS/stainless steel with protective rubber overmold

DIMENSIONS

135 x 77 x 48 mm (5.3 x 3.0 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

POWER SOURCE/RUN TIMES

Rechargeable Extended-Range Lithium-ion Battery (36 hours) without Pump

Rechargeable Extended-Range Lithium-ion Battery (20 hours) with Pump

Replaceable AA Alkaline Battery (10.5 hours) without Pump

DISPLAY/READOUT

Color Graphic Liquid Crystal Display

TEMPERATURE RANGE

-20 °C to 55 °C (-4 °F to 131 °F)

HUMIDITY RANGE

15% to 95% non-condensing (continuous)

SENSORS AND MEASURING RANGES

SENSOR	RANGE	RESOLUTION
CATALYTIC BEAD		
Combustible Gas	0-100% LEL	1%
Methane (CH ₄)	0-5% vol	0.01%
ELECTROCHEMICAL		
Ammonia (NH ₃)	0-500 ppm	1
Carbon Monoxide (CO)	0-1,500 ppm	1
Carbon Monoxide (CO High Range)	0-9,999 ppm	1
Carbon Monoxide (CO/H ₂ Low)	0-1,000 ppm	1
Chlorine (Cl ₂)	0-50 ppm	0.1
Chlorine Dioxide (ClO ₂)	0-1 ppm	0.01
Carbon Monoxide/ Hydrogen Sulfide (COSH)	CO: 0-1,500 ppm H ₂ S: 0-500 ppm	1 0.1
Hydrogen (H ₂)	0-2,000 ppm	1
Hydrogen Chloride (HCl)	0-30 ppm	0.1
Hydrogen Cyanide (HCN)	0-30 ppm	0.1
Hydrogen Sulfide (H ₂ S)	0-500 ppm	0.1
Nitric Oxide (NO)	0-1,000 ppm	1
Nitrogen Dioxide (NO ₂)	0-150 ppm	0.1
Oxygen (O ₂)	0-30% vol	0.1%
Phosphine (PH ₃)	0-5 ppm	0.01
Phosphine (PH ₃ High Range)	0-1,000 ppm	1
Sulfur Dioxide (SO ₂)	0-150 ppm	0.1
INFRARED		
Hydrocarbons	0-100% LEL	1%
Methane (CH ₄ % vol)	0-100% vol	1%
Methane CH ₄ % LEL)	0-100% LEL	1%
Carbon Dioxide (CO ₂)	0-5% vol	0.01%
PHOTOIONIZATION		
VOC	0-2,000 ppm	0.1

SUPPLIED WITH MONITOR

Universal Charger, Nylon Carrying Case, Belt Clip, Calibration Cup, Wrist Strap, Quick Start Guide, Dust Filter/Water Stop (with Pump), Sample Tubing (with Pump).

LANGUAGE

English, Portuguese, French, Indonesian, Spanish, Russian, German, Polish, Italian, Czech, and Dutch

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

** Specific terms of the Guaranteed for Life™ Program are included with all products and are available upon request.

MX6 iBRID MOST COMMON INSTRUMENT CONFIGURATIONS

PART NO.	DESCRIPTION
MX6-K1230201	MX6 iBrid LEL (Pentane), CO, H ₂ S, O ₂ , Ext. Li-ion
MX6-K123R211	MX6 iBrid with Pump, LEL (Pentane), CO, H ₂ S, O ₂ , PID, Ext. Li-ion
MX6-L1230211	MX6 iBrid with Pump, LEL (Methane), CO, H ₂ S, O ₂ , Ext. Li-ion
MX6-M103Q211	MX6 iBrid with Pump, (Methane), CO, O ₂ , CO ₂ IR, Ext. Li-ion
MX6-K1235211	MX6 iBrid with Pump, LEL (Pentane), CO, H ₂ S, O ₂ , SO ₂ , Ext. Li-ion,
MX6-KJ635201	MX6 iBrid LEL (Pentane), CO/H ₂ S, NH ₃ , O ₂ , SO ₂ , Ext. Li-ion

MX6 iBRID MOST COMMON INDUSTRY CONFIGURATIONS

MX6-KJ53R211	MX6 iBrid with Pump, LEL, CO/H ₂ S, O ₂ , SO ₂ , PID, Ext. Li-ion, Petroleum Refining
MX6-K103Q211	MX6 iBrid with Pump, LEL, CO, O ₂ , CO ₂ , Ext. Li-ion, Brewing/Bottling/Wineries
MX6-K673R211	MX6 iBrid with Pump, LEL, O ₂ , NH ₃ , Cl ₂ , PID, Ext. Li-ion, Hazmat
MX6-M1030501	MX6 iBrid CH ₄ (%), CO, O ₂ , Ext. Li-ion (MSHA/AUS) Mining
MX6-M1D34501	MX6 iBrid CH ₄ (%), CO, O ₂ , NO ₂ , NO, Ext. Li-ion (MSHA/AUS) Mining (Diesel Applications)

MX6 iBRID MAINTENANCE

PART NO.	DESCRIPTION
18109329-ABC	DSX Docking Station for MX6 iBrid
-ABC	A – DSX Mode: 0 = DSX Standalone 1 = DSXi Cloud-connected 2 = DSX-L Local Server B – Number of Gas Inlet Ports: 3 = 3 Ports 6 = 6 Ports C – Power Cord Type: 1 = North America, 2 = EU, 3 = AUS, 4 = UK

Confined Space Kit

Choice of MX6 iBrid monitor, universal charger, nylon carrying case, belt clip, calibration cup, wrist strap, maintenance tool, 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, rugged Pelican® case.



MX6 iBRID CONFINED SPACE KITS

PART NO.	DESCRIPTION
MX6KIT-0000R211	MX6 iBrid Confined Space Kit with Pump, PID, Ext. Li-ion
MX6KIT-K1230211	MX6 iBrid Confined Space Kit with Pump, LEL, O ₂ , CO, H ₂ S
MX6KIT-K123R211	MX6 iBrid Confined Space Kit with Pump, LEL, O ₂ , CO, H ₂ S, PID





MX6 iBRID REPLACEMENT SENSORS

PART NO.	DESCRIPTION
17124975-1	Replacement sensor, Carbon Monoxide (CO)
17124975-2	Replacement sensor, Hydrogen Sulfide (H ₂ S)
17124975-3	Replacement sensor, Oxygen (O ₂)
17124975-4	Replacement sensor, Nitrogen Dioxide (NO ₂)
17124975-5	Replacement sensor, Sulfur Dioxide (SO ₂)
17124975-6	Replacement sensor, Ammonia (NH ₃)
17124975-7	Replacement sensor, Chlorine (Cl ₂)
17124975-8	Replacement sensor, Chlorine Dioxide (ClO ₂)
17124975-9	Replacement sensor, Phosphine (PH ₃) (Low)
17124975-A	Replacement sensor, Hydrogen Chloride (HCl)
17124975-B	Replacement sensor, Hydrogen Cyanide (HCN)
17124975-C	Replacement sensor, Hydrogen (H ₂)
17124975-D	Replacement sensor, Nitric Oxide (NO)
17124975-E	Replacement sensor, Phosphine (PH ₃) (high)
17124975-G	Replacement sensor, Carbon Monoxide (H ₂ low)
17124975-H	Replacement sensor, Carbon Monoxide (high)
17124975-J	Replacement sensor, Carbon Monoxide/Hydrogen Sulfide (CO/H ₂ S)
17124975-K	Replacement sensor, %LEL (Pentane)
17124975-L	Replacement sensor, %LEL (Methane)
17124975-M	Replacement sensor, Methane (0-5% volume)
17124975-N	Replacement sensor, Methane IR (0-100% volume)
17124975-P	Replacement sensor, Hydrocarbons IR (0-100% LEL)
17124975-Q	Replacement sensor, Carbon Dioxide IR (0-5% volume)
17124975-R	Replacement sensor, PID (VOCs)
17124975-S	Replacement sensor, Methane (0-100% LEL)
17134701	Sensor Plug

MX6 iBRID ACCESSORIES

PART NO.	DESCRIPTION
17127762	Belt clip
17130964	MX6 Display cover with keypad
18106880-0	MX6 with pump hard leather carrying case
18106880-1	MX6 with pump hard leather case without display
18106831	Nylon carrying case, supplied with MX6 without pump
18106864	Nylon carrying case, supplied with MX6 with pump
17095746	MX6 Maintenance tool
17128737	Wrist strap

MX6 iBRID BATTERIES AND CHARGERS

PART NO.	DESCRIPTION
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)
17131038-2	Rechargeable Li-ion Ext. battery (UL/CSA/ATEX/IECEx/INMETRO/GOST-R/KOSHA)
17131038-5	Rechargeable Li-ion Ext. battery (MSHA/AUS)
17131046-3	Alkaline battery (UL/CSA/ATEX/IECEx/INMETRO/GOST-R/KOSHA)
17131046-6	Alkaline battery, MSHA/AUS

MX6 iBRID PUMP AND ACCESSORIES

PART NO.	DESCRIPTION
18106765	SP6 Motorized Sampling Pump Module
17058157	Internal Dust Filter/Water Stop
18109560	Internal Dust Filter/Water Stop (Pack of 5)
17129909	Replacement Inlet Cap
17155011	Calibration Tubing Assembly with T fitting*

*For use when calibrating a monitor with pump using a positive flow regulator