



The ideal 4-gas detector

- Monitors O₂, combustible gas, and 2 toxic gases including CO, H₂S or NO₂
- Small size, weighs only 180 grams (6.4 ounces)
- Lithium-ion or alkaline battery operation

The MX4 iQuad is an ideal personal monitor – small, rugged and simple to use. It's tough with a high-impact polycarbonate housing and protective rubber overmold. The MX4 is also third-party certified IP66 and IP67. That means it is dust-tight to withstand the dirtiest environments. And, it is water resistant; passing both water jet and submersion tests.

To warn users in hazardous areas, the unit uses a combination of three alarms: ultra-bright LEDs; 95 db audible alarm; and a powerful vibrating alarm.

Available accessories for the MX4 include DS2 Docking Station™, MX•Cal™ Calibration Station, single-unit charger and single-unit charger/datalink.

Case Material:

Polycarbonate w/ protective rubber overmold

Dimensions:

103 mm x 68 mm x 30 mm (4.05" x 2.27" x 1.20")
with Li-ion Battery Pack

Weight:

Lithium-ion Battery version = 180 g (6.4 oz)
Alkaline Battery version = 193 g (6.8 oz)

Operating Temperature Range:

-20°C to 50°C (-4°F to 122°F) typical

Operating Humidity Range:

15%-95% non-condensing (continuous) typical

Display/Readout:

Backlit Liquid Crystal Display (LCD)

Power Source/Run Time:

Li-ion – 12 hours typical @ 20°C
Alkaline AAA – 8 hours typical @ 20°C

Alarms:

Ultra-bright LEDs, loud audible alarm (95 dB at 30 cm), and vibrating alarm

Sensors:

Combustible gases/methane – Catalytic Diffusion
O₂, CO, H₂S, NO₂ – Electrochemical

Measuring Ranges:

Combustible Gases:	0-100% LEL in 1% increments
Methane (CH ₄):	0-5% of vol. in 0.1% increments
Oxygen (O ₂):	0-30% volume in 0.1% increments
Carbon Monoxide (CO):	0-1,000 ppm in 1 ppm increments
Hydrogen Sulfide (H ₂ S):	0-500 ppm in 0.1 ppm increments
Nitrogen Dioxide (NO ₂):	0-150 ppm in 0.1 ppm increments

Certifications:

UL	IECEX
Class I, Division 1, Groups A B C D, T4	Ex d ia IIC T4 IP66
Class II, Groups F G (Carbonaceous & Grain Dust)	IP67
AEx d ia IIC T4 IP66 IP67	CSA Class I, Division 1, Groups A B C D, T4 C22.2 No. 152 for %LEL reading only
ATEX	Ex d ia IIC T4
Ex d ia I/IIC T4; Equipment Groups and Category II 2G and I M2 IP66 IP67	

BASE UNIT +	SENSORS XXXX +				BATTERY +	LANGUAGE
MX4-XXXXXX	X	X	X	X	X	X
	0 - none	0 - none	0 - none	0 - none	1 - Li-ion UL/CSA	1 - English
	K - LEL (pentane)	1 - CO	2 - H ₂ S	3 - O ₂	2 - Alkaline UL/CSA	2 - French
	L - LEL (methane)		4 - NO ₂		3 - Li-ion (ATEX)	3 - Spanish
	M - CH ₄ (0-5%)				4 - Alkaline (ATEX)	4 - German

PART NUMBER	DESCRIPTION
COMMON CONFIGURATIONS	
MX4-K12311	MX4 iQuad - LEL, CO, H ₂ S, O ₂ , Li-ion
MX4-K12321	MX4 iQuad - LEL, CO, H ₂ S, O ₂ , Alkaline
MX4-K14311	MX4 iQuad - LEL, CO, NO ₂ , O ₂ , Li-ion
MX4-K10311	MX4 iQuad - LEL, CO, O ₂ , Li-ion
MX4-K02311	MX4 iQuad - LEL, H ₂ S, O ₂ , Li-ion
MX4-K00311	MX4 iQuad - LEL, O ₂ , Li-ion
MX4-K00011	MX4 iQuad - LEL, Li-ion
MX4-L00011	MX4 iQuad - LEL (methane), Li-ion
REPLACEMENT SENSORS	
17134461	Oxygen (O ₂)
17134479	Hydrogen Sulfide (H ₂ S)
17134487	Carbon Monoxide (CO)
17134495	Combustible Gas (LEL/CH ₄)
17134503	Nitrogen Dioxide (NO ₂)

*The MX4 comes standard with a charger, belt clip and calibration cup with tubing.



MX4 MX-Cal™ with MX4 Monitor



MX4 DS2 Docking Station with MX4 Monitor

PART NUMBER	DESCRIPTION
ACCESSORIES	
18107151-0BC	DS2 Docking Station for MX4
Options	A = 0
	B = iGas® Reader (number included)
	1
	2
	3
	C = Power Cord: 0 - US, 1 - UK, 2 - EU, 3 - AUS, 4 - ITA, 5 - DEN, 6 - SWZ
18108100	Single-Unit Charger
18107037	Single-Unit Charger/Datalink
18107680-0X	MX•Cal Calibration Station
	X = Power Cord: 0 - US, 1 - UK, 2 - EU, 3 - AUS, 4 - ITA, 5 - DEN, 6 - SWZ
18107763	Serial data dot matrix printer for MX•Cal
18107904	MX4 Hand Pump (manual bulb)
18107888	Hard Leather Carrying Case
18107813	Soft Leather Carrying Case
17134453-1	Replacement Battery Pack, Li-ion, UL/CSA/ATEX
17134446-1	Replacement Battery Kit, Alkaline, UL/CSA/ATEX (includes pack, cover, and three (3) AAA alkaline batteries)

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