

▶ MX6 iBrid®

Multi gas detector (Up to 6 gases)



Technical specifications

List of monitored gases: Combustible gases (methane, GPL, hydrocarbons, solvents, alcohols), toxic gases (Cl₂, ClO₂, CO, H₂, H₂S, HCl, HCN, NO, NO₂, NH₃, PH₃, SO₂), asphyxiating gases (O₂, N₂, CO₂) and VOCs (volatile organic compounds)

Case material: Lexan/ABS/Stainless steel with protective rubber overmold

Dimensions:

- 135 x 77 x 43 mm without pump
- 167 x 77 x 56 mm with pump

Weight: 409g without pump / 511g with pump

Display: STN color graphic LCD

Power/ autonomy:

- Rechargeable lithium-ion (Li-ion) / Approx. 24 hours
- Rechargeable Li-ion battery / Approx. 36 hours
- Disposable AA alkaline batteries (usually 10.5 hours)

Operating temperatures range: - 20 °C to 55 °C

Operating humidity range: 15% to 95% HR non-condensed

Certifications:

- IECEx/ATEX: Ex ia d I/IIC; IP65 (IP64 pump version)
Equipment group and category: II 2G / I M1, EN 60079-29-1; EN 50104
- 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, Parts 18 and 22
- 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: PB Ex ia dI X / 1ExiadIIC T4 X
- KOSHA: Ex d ia IIC T4
- China EX: Ex ia d I/IIC T4

Product description

The **MX6 iBrid®** is the most versatile six gas detector on the market and allows sensor combinations that few devices can offer. With several hundred possible sensors combinations and a wide range of configuration settings, the **MX6 iBrid®** can detect flammable gases, toxic gases, asphyxiating gases as well as volatile organic compounds (VOCs).

▶ **Simple and intuitive operation**

The **MX6 iBrid®** clearly displays real-time measurements in ppm or volume %. Thanks to an intuitive menu and a 5-button navigation pad, each user is able to quickly configure various parameters and functionalities on the device.

▶ **High visibility color display**

The **MX6 iBrid®** has a color screen offering great readability whatever the light conditions which contributes to safety level improvements. Whether the intervention takes place outdoors or indoors, it is quick and easy to clearly and directly view recorded data and concentration trend curves.



▶ **Remote gas sampling pump**

The **MX6 iBrid®** is available in diffusion version or with a remote gas sampling pump. This pump is easily adaptable (and dismountable), it allows gas sampling up to 30 meters away and is the ideal solution for authorized entry measurements in tanks and wells or for leak detection.

▶ **The datalink option**

The Datalink option allows you to view and archive the device's data, restore measurement curves and alarm events. This option also allows setting and the configuration of the device, it gives access to data logs and calibrations and bump test results.



The kit is supplied with a device holder, a USB connection cable and an installation CD for the "Accessory Software".

Sensors references

Gas	Measure range	Increment	Code
Catalytic Sensors			
Methane (% vol.)	0-5 %/vol,	0,01 %/vol.	17124975-M
Methane (% LIE)	0-100 % LEL	1 % LEL	17124975-L
Pentane (% LIE)	0-100 % LEL	1 % LEL	17124975-K
Electrochemical Sensors			
Ammonia	0-500 ppm NH3	1 ppm	17124975-6
Chlorine	0-50 ppm Cl2	0,1 ppm	17124975-7
Hydrogen chloride	0-30 ppm HCl	0,1 ppm	17124975-A
Hydrogen cyanide	0-30 ppm HCN	0,1 ppm	17124975-B
Nitrogen dioxide	0-150 ppm NO2	0,1 ppm	17124975-4
Chlorine dioxide	0-1 ppm ClO2	0,01 ppm	17124975-8
Sulfur dioxide	0-150 ppm SO2	0,1 ppm	17124975-5
Hydrogen	0-2000 ppm H2	1 ppm	17124975-C
Nitric oxide	0-1000 ppm NO	1 ppm	17124975-D
Carbon monoxide	0-1500 ppm CO	1 ppm	17124975-1
Carbon monoxide (High range)	0-9999 ppm CO	1 ppm	17124975-H
Carbon monoxide (compensated H2)	0-1000 ppm CO	1 ppm	17124975-G
Carbon monoxide Hydrogen sulfide (combined sensors)	0-1500 ppm CO 0-500 ppm H2S	1 ppm 0,1 ppm	17124975-J
Oxygen	0-30 %/vol, O2	0,1 %/vol.	17124975-3
Phosphine	0-5 ppm PH3	0,01 ppm	17124975-9
Phosphine (high range)	0-1000 ppm PH3	1 ppm	17124975-E
Hydrogen sulfide	0-500 ppm H2S	0,1 ppm	17124975-2
IR Sensors (infrared)			
Carbon Dioxide	0-5% vol	0,01 %/vol.	17124975-Q
Hydrocarbons (Propane)	0-100 % LEL	1 %/vol.	17124975-P
Methane (% LIE)	0-100 % LEL	1 % LEL	17124975-S
Methane (% vol.)	0-100 % vol	1 %/vol.	17124975-N
PID sensors (photo-ionization lamp)			
VOC	0-2000 ppm	0,1 ppm	17124975-R

Accessories references

Accessories	Reference
Datalink for MX6 (configuration and archiving of measurements)	18107086
Pump for MX6	18106765
Sampling rod (1 m in 4 parts)	2302B0847
Flexible hose, length 10 m for sampling	12302B0828