



- 24 sensor options including PID and IR
- Diffusion mode or internal sampling pump versions
- Simple, user-friendly, menu-driven navigation
- Up to 6 gases monitored simultaneously
- Full-color graphic LCD is highly visible in a variety of lighting conditions



Internal sampling pump version

SPECIFICATIONS

CASE:

Lexan/ABS/Stainless Steel w/protective rubber overmold

DIMENSIONS:

13.5 cm x 7.7 cm x 4.3 cm (5.3" x 3.05" x 1.7") – diffusion version

WEIGHT:

409 g (14.4 oz)

DISPLAY/READOUT:

STN Color Graphic LCD

SENSORS:

Combustible Gas/Methane – Catalytic Diffusion/Infrared
 Oxygen and Toxic Gases – Electrochemical
 CO₂ – Infrared
 VOCs – 10.6 eV Photolionization

MEASURING RANGES:

Combustible Gases – 0 to 100% LEL
 in 1% or 10 ppm increments – Catalytic
 (0 to 100% LEL in 1% increments optional – Infrared)
 Methane – 0 to 5% of volume in 0.1% increments – Catalytic
 (0 to 100% of volume in 1% increments optional – Infrared)
 Oxygen – 0 to 30% of volume in 0.1% increments
 Carbon Monoxide – 0 to 1,000 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 500 ppm in 1 ppm increments
 – Hydrogen Sulfide – 0 to 200 ppm in 0.1 ppm increments
 Hydrogen, 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 100 ppm in 0.1 ppm increments
 Hydrogen Cyanide, Hydrogen Chloride
 – 0 to 30 ppm in 0.1 ppm increments
 Ammonia – 0 to 100 ppm in 1 ppm increments
 Chlorine Dioxide – 0 to 1 ppm in 0.01 ppm increments
 Phosphine – 0 to 5 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

POWER SOURCE (RUN TIMES):

Rechargeable Lithium-ion (Li-ion) Battery Pack (24 hours typical)
 Rechargeable, Extended-Range Lithium-ion (Li-ion) Battery Pack
 (36 hours typical)
 Replaceable AA Alkaline Battery Pack (10.5 hours typical)

TEMPERATURE RANGE:

-20°C to 55°C (-4°F to 131°F) typical

HUMIDITY RANGE:

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

The MX6 iBrid™ is the world's 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 hazardous levels of oxygen, toxic and combustible gas, and volatile organic compounds (VOCs) in the immediate work environment.

A color display also 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 on-board graphing for easily interpreting real-time readings and recorded data in the field.

The MX6 can be customized to specific applications with the choice of 24 sensor options, multiple languages, and diffusion mode or internal sampling pump operation.

Built and tested to withstand the harshest work environments, the MX6 carries a lifetime warranty.

Maintaining your fleet can be automated with our DS2 Docking Station™, and managing your fleet can be outsourced with our iNet™ Instrument Network.

APPROVALS



UL – Class I, Groups A,B,C,D T4; AEx ia d IIC T4
 CSA – Class I, Groups A,B,C,D T4; Ex d ia IIC T4
 MSHA – CFR30, Part 18 and 22, Intrinsically safe for methane/air mixtures
 IECEx/ATEX – EEx ia d I/IIC; IP65 (IP64 pump version)
 Equipment Group and Category: II 2G / I M1 (I M2 w/IR sensor)

SUPPLIED WITH MONITOR

Universal charger, nylon carrying case, belt clip, calibration cup, wrist strap, maintenance tool, manual, quick start guide, training CD, calibration tubing, dust filter/water stop (pump versions), calibration fitting (pump versions), sample tubing (pump versions).