

MULTIGAS COLOR ALARM ANALYZER

Are you in search of a complete multigas monitoring solution? Look no further! The *Multigas Color* combines oxygen (O₂), carbon monoxide (CO) and carbon dioxide (CO₂) sensors with a moisture monitor and VOC (Volatile Organic Compound, including oil vapor) analyzer in a single water- and impact-resistant carrying case. The color display allows for continuous monitoring of ambient and compressed gases in a variety of environments. [SKU 9641]



FEATURES

- Digital analyzer with color display
- Audible and visual alarms for O₂, CO₂, CO, Moisture & VOC
- Controlled by a rotary/push knob
- User replaceable batteries and sensors
- Low battery warning indicator
- Sensor status indicators
- Micro SD storage ready

ADVANTAGES

- Programmable visual and audible alarm thresholds
- Fast response: 10 ms (min) per channel sampling
- Compact water resistant container (12 x 10.6 x 5.7 in)
- Easy to operate, reliable and accurate
- Optional relays for external alarm or compressor control

WARNING

Never expose gas sensors to pressure or you may cause damage and/or false readings. Damaged sensors will not provide accurate gas analysis. Most gas analyzers can be used to analyze a regulated gas sample flow, the contents of a gas cylinder, or the flow from a regulator. The flow rate of gas must equal 1-5 L/min. To produce this flow, a Flow Restrictor and Regulator may be required. A faulty Flow Restrictor can lead to a false analyzer reading. Flow Restrictors should be regularly tested with a Flow Meter. Inaccurate gas analysis can lead to serious personal injury or death.

O₂ Sensor

- 0–100% range
- Resolution: 0.1%

CO₂ Sensor

- 0–2000 ppm range
- 0.0–0.5% or 0–100%
- Resolution: 20 ppm

CO Sensor

- 0–50 ppm or 0–300 ppm range
- Resolution: 1 ppm
- Available dew point sensor up to -110°C

Moisture Monitor

- Moisture reading of relative humidity from 0.0 to 99.9%
- Absolute humidity in mg/m³ or PPMv

VOC Analyzer

- VOC gas mix in the range of 0.01 to 20 ppm related to isobutylene
- Resolution: 0.01 ppm