

# Micro III Series

## Single-gas Monitor



- Smart sensors
- Low maintenance
- User replaceable "AA" battery and sensor
- Three alarm levels
- Ultra bright alarm lights and 95 dB horn

# Non-disposable Single-gas Detector

The Micro III is an extremely small and lightweight non-disposable single gas monitor.

With no buttons or switches for normal operation, the Micro III delivers permanent safety, allowing you to devote your full attention to essential work.

## Designed for safety

Weighing less than 4 ounces, the Micro III comes equipped with 95 dB horn, ultra bright LEDs, and three alarm points that will alert the user to increasing hazards. A high impact ABS casing seals the unit from water, and a layer of titanium resists damage and RF interference. GfG's Micro III features include: minimal maintenance, user-replaceable, two-year warranted sensors, and powered from a user-replaceable "AA" alkaline battery that provides up to nine months of run time. The durability, ease of use and low maintenance make the Micro III an investment that will last for many years.

## Numerous features

The Micro III comes standard with many features that you would expect from larger multi-gas units. Some of these features include automatic zeroing, AutoCal® automatic calibration, confidence beep, battery check, and three factory set alarm points. The G202 with display features an 8-digit LCD and interchangeable smart sensors, allowing the user to install any Micro III sensor into the unit. After installation, the unit can be used to monitor different gases specific to the sensor. The sensor retains alarm points and previous calibration values. With this feature, the Micro III G202 may be configured for specific applications without a need for multiple single-gas instruments or unnecessary multi-gas units.



# Technical Data

## Micro III series

### Cases

Ammonia (NH<sub>3</sub>)  
Carbon monoxide (CO)  
Chlorine (Cl<sub>2</sub>)  
Chlorine dioxide (ClO<sub>2</sub>)  
Ethylene (C<sub>2</sub>H<sub>4</sub>)  
Hydrogen (H<sub>2</sub>)  
Hydrogen chloride (HCl)  
Hydrogen cyanide (HCN)  
Hydrogen sulfide (H<sub>2</sub>S)  
Nitrogen dioxide (NO<sub>2</sub>)  
Nitrogen monoxide (NO)  
Oxygen (O<sub>2</sub>)  
Ozone (O<sub>3</sub>)  
Phosgene (COCL<sub>2</sub>)  
Phosphine (PH<sub>3</sub>)  
Silane (SiH<sub>4</sub>)  
Sulfur dioxide (SO<sub>2</sub>)

### Detection range

NH <sub>3</sub>	0 to 200 or 500 ppm
CO	0 to 300, 1,000 or 2,000 ppm
Cl <sub>2</sub>	0 to 10.0 ppm
ClO <sub>2</sub>	0 to 2 ppm
C <sub>2</sub> H <sub>4</sub>	0 to 20 ppm
H <sub>2</sub>	0 to 2,000 ppm
HCl	0 to 30 ppm
HCN	0 to 50 ppm
H <sub>2</sub> S	0 to 100 ppm
NO <sub>2</sub>	0 to 30.0 ppm
NO	0 to 100 ppm
O <sub>2</sub>	0 to 25% volume
O <sub>3</sub>	0 to 1 ppm
COCL <sub>2</sub>	0 to 1 ppm
PH <sub>3</sub>	0 to 10.00 ppm
SiH <sub>4</sub>	0 to 20.0 ppm
SO <sub>2</sub>	0 to 10.0 ppm

### Detection principles (sensors)

Electrochemical

### Detection method

Diffusion

### Expected sensor life

2-3 years

### Display (G202 and G203 only)

LCD, 8-digit display

### Alarms

Visual – ultra bright LEDs  
Audible – horn, 95 dB at 3 ft.

### Operational time

G201 9 months  
G202 and G203 6 months

### Power source

One 1.5 V alkaline "AA" battery  
LR6 AM3 or MN 1500 LR

### Temperature range

+25 to +110°F / -4 to +44°C continuous  
0 to +120°F / -25 to +50°C

### Humidity range

5 to 95% RH

### Pressure range

800 to 1,200 hPa

### Casing

Titanium coated ABS plastic

### Weight

4 ounces (85 grams)

### Dimensions

3.5x1.85x1 inches (88x47x25 mm) (HxWxD)

### Ratings and certifications (intrinsic safety)

CENELEC – EEX ib IIC T4  
UL – Class I, Div. 1. A,B,C,D  
CUL  
ATEX

### Accessories

Sample draw pump

Specifications subject to change without notification

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