

# Micro III Series

## Single-gas Monitor



Smart Sensors

Low Maintenance

User Replaceable "AA" Battery and Sensor

Three Alarm Levels

Ultra Bright Alarm Lights and 95dB Horn

Worldwide Supplier of Gas Detection Solutions



**GfG Instrumentation**

# 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 the user to devote full attention to essential work.

## Designed for Safety

Weighing less than 4 oz, the MICRO III comes equipped with 95dB horn, ultra bright LED's and three alarm points that will alert the user to increasing hazards. Housed in a high impact ABS casing, the unit is sealed against water and is layered in a titanium coating to resist damage and RF interference. With minimal maintenance,

the unit has user-replaceable two-year warranted sensors and is powered by a user-replaceable "AA" alkaline battery that provides up to nine months of run time. The durability, ease of use, and low maintenance of MICRO III is an investment 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, Auto-Cal 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 last calibration values. With this feature, the MICRO III G202 may be configured for specific applications without the need for multiple single-gas instruments or unnecessary multi-gas units.



## Micro III Series

# Technical Data

### Gases and Ranges

EX	H <sub>2</sub>	0 to 2000 ppm
OX	O <sub>2</sub>	0 to 25% volume
TOX	CO	0 to 300 ppm
	CO	0 to 1000 ppm
	CO	0 to 2000 ppm
	H <sub>2</sub> S	0 to 100 ppm
	SO <sub>2</sub>	0 to 10,0 ppm
	NO	0 to 100 ppm
	NO <sub>2</sub>	0 to 30,0 ppm
	Cl <sub>2</sub>	0 to 10,0 ppm
	ClO <sub>2</sub>	0 to 2 ppm
	HCl	0 to 30 ppm
	HCN	0 to 50 ppm
	NH <sub>3</sub>	0 to 200 ppm
	C <sub>2</sub> H <sub>4</sub> O	0 to 20 ppm
	PH <sub>3</sub>	0 to 10,00 ppm
	SiH <sub>4</sub>	0 to 20,0 ppm
	COCL <sub>2</sub>	0 to 1 ppm
	O <sub>3</sub>	0 to 1 ppm

### Detection Principles (sensors)

EX	electrochemical (H <sub>2</sub> only)
OX	electrochemical
TOX	electrochemical

### Detection Method

Diffusion

### Expected Sensor Life

OX	2-3 years
TOX	2-3 years

### Weight

4 oz (85g)

### Dimensions

1.85 x 3.5 x 1 inches (WxHxD)  
(47 x 88 x 25 mm)

### Display

LCD, 8-digit display  
Non-display

### Alarms

Visual - Ultra bright LEDs  
Audible - Horn, 95dB @ 3 ft

### Operational Time

9 months (G201)

### Power Source

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

### 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 1200 hPa

### Casing

Titanium coated ABS plastic

### Approvals

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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