

FAQ

March 20, 2026

What are the differences between the GX-6000 and GX-6100?

**Q: What are the key differences between the GX-6000 and GX-6100?**

A: The GX-6100 is the next-generation replacement for the GX-6000, incorporating newer electronics, expanded measurement capabilities, and improved performance. The GX-6000 has been discontinued, and the GX-6100 is now the current model.

Q: What improvements does the GX-6100 offer over the GX-6000?**1: Expanded Combustible Gas Measurement**

- GX-6000: Primarily measures combustible gases in %LEL
- GX-6100: Can measure combustibles in:
 - PPM
 - %LEL
 - % volume

This allows the GX-6100 to cover leak detection, confined space monitoring, and high-range applications in one instrument.

2: Updated Sensor Technology

- GX-6100 introduces:
 - TC sensor % volume measurement
 - New ppm MOS sensors for methane and hydrocarbons
- GX-6000 relies on earlier sensor configurations without these expanded options

This results in greater flexibility and improved detection capability.

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3: Battery Life and Power Management

- GX-6000: 14 hours of operation (Li-Ion)
- GX-6100: Up to 28 hours (Li-Ion)

The GX-6100 provides significantly longer runtime, improving field usability.

4: Connectivity and Data Features

- GX-6000: IrDA only for data transfer (No Bluetooth capability)
- GX-6100: IrDA for data transfer, with added Bluetooth capability for alarm notifications (RK Link app)

This enhances modern workflow integration and communication.

5: Sensor Performance and Durability

- GX-6100 includes:
 - Features new R-series 4-gas sensors (LEL/CO/H2S/O2) that are interchangeable with the GX-3R, GX-3R Pro, and GX-Force, with up to a 3-year warranty
 - Equipped with the same PID sensor used in the GX-6000, maintaining consistent performance
This leads to longer sensor life and improved reliability.

Q: What features remain the same?

A: Both instruments share many core features:

- Monitor up to 6 gases simultaneously
- Include 2 interchangeable smart sensor slots
- Support:
 - PID (10.0, 10.6 11.7 eV)
 - IR sensors
 - Toxic sensors
- Include:
 - Internal sample pump
 - Man-down and panic alarms
 - LED flashlight
 - Leak Check Mode
- Rugged IP-67 design

Q: Are the operating modes the same?

A: Yes. Both units include similar operating modes such as:

- Normal Mode
- Barhole Mode
- Inert Mode
- Leak Check Mode
- Snap Log Mode
- Benzene Mode

Q: Can GX-6000 users transition easily to the GX-6100?

A: Yes. The GX-6100 was designed to maintain a similar user interface and operating concept, allowing existing GX-6000 users to transition with minimal retraining.

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Summary of Advancements



Feature	GX-6000	GX-6100
Product Status	Discontinued	Current Model
Combustible Measurement	%LEL	PPM, %LEL, % Volume
Battery Life	14 hours	28 hours
Sensor Technology	Standard	Updated (MOS + TC sensors)
Connectivity	IrDA	IrDA + Bluetooth
Platform	Legacy	Next-generation

Summary

The GX-6100 builds upon the GX-6000 platform by adding multi-range combustible detection, improved battery life, updated sensors, and modern connectivity, while maintaining the same core functionality and ease of use. It is designed to replace and enhance the capabilities of the GX-6000 in all applications.

Resources:

[GX-6100 Webpage](#)