

Topics

Konica Minolta to Release the GMP03, Reliable-Quantitative Optical Gas Imaging Camera Capable of Visualizing Invisible Gases such as Methane and Quantifying Emissions More Easily and Effectively

Optimizing Operators' Workflow by Establishing a One-stop Solution from Leak Detection to Quantification and Further Improving Usability

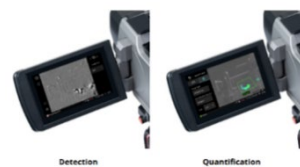
Tokyo (October 8, 2025) – Konica Minolta, Inc. (Konica Minolta) announced that the Company launches the GMP03, a new hand-held Reliable-Quantitative Optical Gas Imaging Camera* capable of visualizing hydrocarbon gases, which are invisible, and quantifying emissions gas leaks, in the United States of America and Canada.



Features of the New Product

1. An all-in-one system to quantify gas leaks

While the previous model was able to quantify gas leaks by using external mobile device, the GMP03 can be done with the camera alone. This helps reduce man-hours for improving the work efficiency of inspectors in the field and creating reports, thereby easing operators' workload.



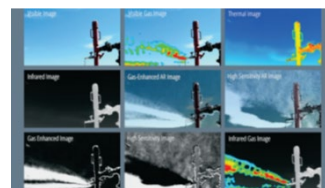
2. Operability improved by reduced weight and a repositionable grip

The weight has been further reduced from the previous GMP02, to 2.4 kg. The most compact and lightweight system in the industry** enhances portability and flexibility, while improving its robustness. The repositionable grip in the hand-held area improves operability, enhances usability for operators, and increases measurement efficiency.



3- Enhanced image processing for improved gas leak visualization

The proprietary image processing function for visualizing gas leaks has been improved for the GMP03, making it easier to distinguish gas from environmental noise. This improvement increases the accuracy of leak detection and enables more safe operation.



Konica Minolta remains committed to solving social issues, such as “addressing climate change,” by leveraging its proprietary optical and image processing technologies, which enable the visualizing and quantifying invisible gas such as methane, which have a high greenhouse effect potential.

Main Specifications of the GMP03

Dimensions	156 (W) × 181 (H) × 272 (D) mm
Weight	Approximately 2.4 kg (5.3 lbs) (including battery)
Continuous operating time	2.5 hours (under normal conditions)
Operating temperature range	Temperature: −20 to +50°C (ambient temperature)
Angle of view	Horizontal: 40°, vertical: 32°
Detectable gases	Methane, ethane, propane, butane, benzene, toluene, xylene, ethylbenzene, propylene, methanol, ethanol, acetaldehyde, acetone, methyl ethyl ketone, other ethers, and esters (hydrocarbon gases except acetylene)
Quantifiable gases	Standard: methane, ethylene, and propane Optional: ethane, propylene, isobutane, and n-butane
Environmental performance	Dustproof, and waterproof (IP54)

* About R-QOGI (Reliable-Quantitative Optical Gas Imaging)

R-QOGI represents the high reliability and quantification performance of GMP03. Compared to conventional QOGI, GMP03 incorporates improved quantification accuracy and a reliability display function that allows users to verify the validity of measurement results on-site. This makes it a more dependable solution for direct field measurements and supports OGMP2.0 Level 5 compliance.

** Most compact and lightweight among cooled optical gas imaging (OGI) cameras (as of October 1, 2025)

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