

For Controlling and Managing Gas Concentrations Redesigned with Better Reliability and Durability Optical Interferometric Gas Analyzer FI-900 Released

RIKEN KEIKI Co., Ltd. ("Riken Keiki," headquartered in Itabashi-ku, Tokyo, Japan) has developed the Optical Interferometric Gas Analyzer FI-900.

The FI-900 is equipped with Riken Keiki's proprietary optical interferometric sensor, and as the successor model to the Optical Interferometric Gas Analyzer FI-800, has been redesigned to include MODBUS communications and enhanced self-diagnostic functions to make it even easier to use for control purposes. In addition to being certified as explosion-proof under Japanese standards, it now also meets international explosion-proof criteria (ATEX/IECEX), making it available for use in markets overseas.

[New product features]

1. Reliable and proven optical interferometric sensor

Detection principle with a proven 80-year track record since our company was founded: equipped with optical interferometric sensor.
Long-term stability and long operating life, capable of measuring a wide range of gases.

2. Enhanced self-diagnostic function, and checks of gas concentrations as well as status using MODBUS communications

Run detailed diagnoses and identify any abnormal status of sensors or the gas analyzer.

MODBUS communications not only provide information on gas concentration or gas concentration warnings, but also retrieve information on various statuses for better reliability.

3. Capable of handling corrosive gases like methylene chloride, NH₃ and VCM gases

The new product is capable of handling corrosive gases that the previous FI-800 model could not, significantly increasing the gas types that can be measured in line.



[Scheduled public announcement and launch]

February 10, 2020

[Scheduled shipping start date]

April 1, 2020

<Contact details for inquiries concerning this news release>

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