

Japan's Shimadzu releases new gas chromatograph mass spectrometer

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Japan-based Shimadzu Corporation is releasing the GCMS-QP2050 quadrupole gas chromatograph mass spectrometer. The internal structure has been improved in comparison to previous models, so this product is more durable, and provides stable, highly reliable measurement data.

Time required for maintenance of the component (ion source) that ionises complicated samples has been reduced up to 95 per cent in comparison to the conventional models. The efficiency of user operations has been increased by including a variety of functions, such as compatibility with optionally available automatic data analysis via artificial intelligence (AI) algorithm, time management that can assess the operating status of the instrument, and remote control of the instruments.

This product combines the industry's smallest equipment size with high robustness due to the newly designed quadrupole rods. With simple component configuration, the maintenance burden on users has been eased by simplifying troublesome and difficult tasks.

Shimadzu is contributing to research and development and quality control in a variety of fields including the environment and the life sciences through the GCMS-QP2050.