

Waters unveils ACQUITY QDa II Mass Detector to deliver wider range of chemical analysis

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ACQUITY QDa II Mass Detector enhances confidence in routine compound identification



US-headquartered Waters Corporation has announced the release of the ACQUITY QDa II Mass Detector, the evolution of its highly successful, compact, and streamlined mass detection instrument that delivers high-quality, mass spectral data to chromatographic separations.

This new and improved mass detector allows scientists to analyse a wider range of chemical entities with a robust, cost-effective, low energy consumption solution.

It enhances and complements Waters best-in-class ACQUITY Premier Liquid Chromatography (LC) separations portfolio to enable flexible analysis of both small and large molecules across pharmaceutical, food, chemical, and materials applications.

The ACQUITY QDa II Mass Detector is designed to seamlessly integrate into existing laboratory workflows with the usability and format of a LC detector. It delivers a 20% enhancement in mass range in a simple, small footprint LC-MS instrument designed to seamlessly integrate into highly regulated laboratory settings, ensuring compliance with ease.

To enable scientists to deploy mass detection closer to the point of need, the ACQUITY QDa II Mass Detector also delivers improvements in repeatability and offers up to a 70% reduction in energy consumption and heat output compared to similar instruments.