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Waters boosts lab productivity and sample throughput with launch of charged aerosol detector

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Drives efficiency and reliability in quality control and development environments



Waters Corporation has announced the launch of its Charged Aerosol Detector (CAD) specifically designed for use with Waters Empower Software, the world's most trusted chromatography data system (CDS).

Waters is the global market leader in chromatography software solutions for regulatory filings, as Empower Software is used to submit data for approximately 80% of novel drugs to regulatory authorities.

The Waters CAD delivers sensitive, consistent, and reproducible measurement of analytes with little or no UV absorption, including sugars, lipids, impurities, and excipients, often without the need for sample pre-treatment. This makes CAD ideal for characterising an exceptionally broad range of materials, from small molecule and biopharmaceutical formulations to food additives, nutrients, and environmental pollutants.

The Waters CAD delivers competitive dynamic range and sensitivity, alongside optimized compatibility with MaxPeak™ High-Performance Surfaces that mitigate non-specific adsorption. The new detector can be used with a wide range of Waters liquid chromatography systems, including the Alliance™ iS HPLC System, the Arc™ HPLC System, and all ACQUITY™ UPLC™ Systems.