

New models of Agilent light-scattering detectors launched

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Agilent launches sensitive evaporative light-scattering detectors



Singapore: Agilent Technologies has launched two models of Infinity Evaporative Light-Scattering Detector (ELSD) that provide up to 9x higher sensitivity, better efficiency and greater reproducibility than any currently available ELSD.

Both detectors are suited for the analysis of non and semi-volatile compounds in pharmaceutical, drug discovery, QA/QC, food quality testing, nutraceutical and fine chemical analysis. Both can screen pharmaceutical compound libraries without tedious sample preparation, because they eliminate interference from DMSO, a solvent widely used for sample storage in drug discovery, and both complement the Agilent 6100 Series mass spectrometer systems.

"Our industry is keen on using universal detectors for liquid chromatography, and the Agilent 1260 Infinity and Agilent 1290 Infinity detectors offer the two best solutions," said Mr Graham Cleaver, business development manager, life science group, Agilent.

The new laser-based 1290 Infinity ELSD shows up to 9x lower limits of detection than the previous model. The unique evaporator design, coupled with its proprietary gas-flow programming, allows sub-ambient analysis of semi-volatile compounds that cannot be detected with any other brand of ELSD.

The 1260 Infinity ELSD provides enhanced performance based on a proven LED light source and evaporator design at an affordable price. A standby mode enables energy savings as well as reduced nitrogen gas consumption by 50 percent-to-75 percent.