

Evaporative Light-Scattering Detectors



Agilent Technologies Inc. has introduced two new products—the 1290 Infinity Evaporative Light-Scattering Detector and the 1260 Infinity Evaporative Light-Scattering Detector—that provide high sensitivity, high efficiency, and high reproducibility.

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

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

The 1260 Infinity ELSD provides enhanced performance based on a proven LED light source and evaporator design. A standby mode enables energy savings, as well as reduced nitrogen gas consumption by 50% and 75%.

Agilent Technologies Inc., www.agilent.com [1]

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