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Agilent introduces Liquid Chromatography Systems

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Agilent Technologies has introduced the third version of its Intelligent System Emulation Technology for the 1290 Infinity Binary LC and 1290 Infinity Quaternary LC systems. The new ISET version allows emulation of the Waters Acquity UPLC and Acquity H-class systems and the Shimadzu Prominence HPLC system.

ISET provides a seamless transfer of methods between varying LC technologies, delivering unchanged retention time and peak resolution. The 1290 Infinity LC is now the world's most adaptive LC system, as it can execute other HPLC and UHPLC methods and deliver the same chromatographic results without any instrument or method changes.

The 1290 Infinity LC together with ISET allows users to:

Â· Emulate other (U)HPLC instruments with a simple mouse click
Â· Run existing (U)HPLC methods without modifying method or system
Â· Deliver same retention times and peak resolution for -enhanced method transfer

"ISET enables highly regulated laboratory environments, such as pharmaceutical quality control, to globally transfer methods between different instruments," said Christian Gotenfels, Agilent's senior product manager for liquid chromatography. "With this unique technology we are addressing a major gap in the workflow of our customers."