Trinean launches the Xpose, a new micro-volume spectrophotometer

I-Micronews

The design of the Xpose and its microfluidic slides, redefines manual UV/VIS quantification into a convenient, high speed solution.

The Xpose drop and read approach avoids time-consuming sample loading and cleaning steps thereby minimizing the hands-on time on the reader. The full-color touch screen gives single touch access to advanced analytical software, including dye-free specific quantification of DNA, RNA or protein in samples containing interfering components, using Trinean's proprietary algorithms for UV/VIS spectral deconvolution.

Trinean's proven best-in-class full UV/VIS spectral optics is combined with unique microfuidic properties of the Xpose slides, to guarantee high accuracy and sensitivity for bio-molecule quantification in volumes as low as 2 µL.

The microfluidic slides assure highly reproducible and standardized quantification of samples from very low to very high biomolecule concentrations with a linear dynamic range of almost 10000 fold. Moreover, the Xpose slides protect samples from evaporation, thereby allowing preparation and storage of samples for up to 2 hours prior to read-out.

The instrument will be showcased at SLAS2013 (Orlando, Jan 12-16) and Peptalk 2013 (Palm Springs, Jan 21-25). On-site demonstrations are available through Trinean's global network of distributors.

About Trinean
Trinean is a Belgium based instrumentation company, bringing micro-volume molecular spectroscopy to the next level by combining best in class analytical software with a highly standardized read-out platform. Founded in 2006 as a spin-out of the Ghent University, Belgium and Imec Leuven, Belgium, the company develops high-throughput spectrophotometers, including the DropSense96 and the Xpose with unprecedented capabilities, using microfluidic chips for standardized sample analysis (the DropPlates and Xpose slides for single and dual readouts). The Trinean platform is complemented with software toolboxes (including DropControl, DropQuant, cDrop™) for improved data interpretation and lab-automation.

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