

Waters announces global release of new Differential Scanning Calorimeter

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TA Instruments RS-DSC is now available globally to all customers through the TA Instruments Division of Waters Corporation

Waters Corporation has announced the global release of the TA Instruments Rapid Screening-Differential Scanning Calorimeter (TA Instruments RS-DSC), designed for biopharmaceutical developers. The TA Instruments RS-DSC is a high-throughput DSC for precise thermal stability testing of high-concentration biologic formulations specifically for antibody drugs and engineered proteins.

The TA Instruments RS-DSC offers a more convenient and accurate solution to assess biological drug stability and quality by employing disposable, low sample volume microfluidic chips (MFCs) that enable up to 24 simultaneous measurements. This reduces or eliminates the need for sample dilution, repetitive instrument cleaning, and lowers contamination risk. Its unique design avoids the sensitivity challenges of DSF methods, enabling it to produce more accurate data on high-concentration samples.

Additionally, the TA Instruments RS-DSC features state-of-the-art automated software that provides rapid, effortless, precise, and in-depth insights about a sample's thermodynamic properties.