

LiQC Version 2.0 for Simultaneous Determination of Density, Refractive Index, pH and Color

COLUMBUS, Ohio (March 27, 2009) – METTLER TOLEDO is pleased to launch version 2.0 of its LiQC multi-parameter system for simultaneous determination of density, refractive index, pH/conductivity and color.

Measurement Principle

LiQC increases productivity by combining single measurements into one fully automated process. A sample is filled into a sample vial, placed onto an automatic sample changer, and assigned a barcode label. LiQC automatically completes every subsequent step: choosing the appropriate method, pumping the sample into the various flow-through cells, and performing all measurements. The results are statistically evaluated, compared to specifications and transferred to LIMS systems. LiQC thoroughly cleans and dries the measuring cells simultaneously before moving on to the next sample.



Lab Instrument "First" — Biometric User Identification

Version 2.0 brings additional, exciting benefits: For the first time in analytical instrumentation, biometric user identification with a fingerprint reader greatly facilitates user management, which is a prerequisite for analysis in compliance with 21CFR-11 or ISO17025 standards. Additionally, LiQC now works with stand-alone density and refractometers as well as with the DR combined meters, so the system may be used for density and color measurement of lubricants or for pH and Brix measurement of fruit juice.

LiQC brings substantial time savings, simplified compliance, reduced margin of error and easy LIMS integration for analytical laboratories in many different industries. Its benefits are particularly appreciated within flavor & fragrance, petrochemical, beverage and pharmaceutical industries where multi-parameter measurements are performed for identification, purity and concentration determinations and by independent testing laboratories that have to deal with a large quantity of samples and very short turnaround times.

METTLER TOLEDO is a leading global manufacturer of precision instruments. The Company is the world's largest manufacturer and marketer of weighing instruments for use in laboratory, industrial and food retailing applications. The Company also holds top-three market positions in several related analytical instruments markets and is a leading provider of automated chemistry systems used in drug and chemical compound discovery and development.

Additional information about METTLER TOLEDO can be found at www.mt.com.

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