

Press Release: Coca-Cola® determines citric acid with Metrohm titration system

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Coca-Cola® , the world's largest manufacturer of soft drinks, relies on Metrohm titration at their technical service centre in Anderlecht, Belgium, to determine the pH value and citric acid content of their beverage products. Coca-Cola® benefits from the high degree of automation of their Metrohm solution providing high sample throughput and highly consistent and reproducible results.



The fully automated titration system actually consists of two 814 USB Sample Processors with two external titration vessels and one 808 Titrando with two measurement inputs, an 805 Dosimat, two 772 Pump Units, two 800 Dosinos with Dosing Units, an 802 Stirrer (propeller stirrer) and an 804 Ti Stand.

Both set-ups are equipped with sample racks that can handle up to 127 vials with a volume of 11 mL sample each. The sample transfer is carried out by a Dosino-controlled pipetting tube with a specially-designed needle that can handle sample containing pulp.

The titration system is controlled completely by Metrohm's proven titration software **tiamo™**. With the installed **tiamo™** multi version, the results of different workplaces can be checked from any office desk. **tiamo™** is fully compliant with the demands of FDA Regulation 21 CFR Part 11.

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Note to Editors:

Metrohm UK Ltd is the UK distributor of Metrohm AG, the leading manufacturer of Ion Analysis Instruments.

Metrohm is synonymous with potentiometric titration, Karl Fischer titration, ion chromatography and voltammetry solving your analytical chemistry problems with quality instrumentation and support services in the technologies of POTENTIOMETRIC TITRATION, KARL FISCHER TITRATION (moisture analysis), ION CHROMATOGRAPHY, VOLTAMMETRY (trace analysis), On-line & AT line analysis and VISCOMETRY. Set up in 1995, Metrohm UK serves the key markets of the UK including the chemical, petrochemical and pharmaceutical industries, as well as the automotive and food sectors.