

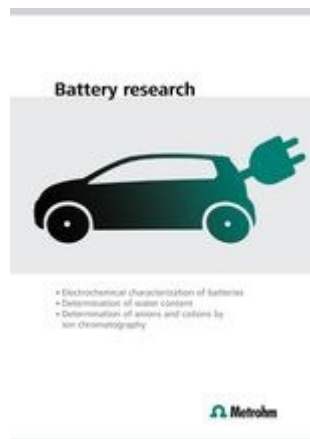
## **Press Release: New Metrohm brochure «Battery research»**

Date: 20<sup>th</sup> August 2010

**Metrohm has published a new brochure on instrumentation and applications for electrochemical characterization of batteries. The brochure is free of charge and can be ordered from your local Metrohm distributor.**

The total power output of a battery is determined by the properties of the electrolytes used and of the anode and cathode materials. Electrochemical instrumentation and methods available from Metrohm and Metrohm Autolab are recommended for, e.g.:

- determining current/voltage characteristics
- test for polarity reversal (charging) of batteries
- characterizing aging effects using impedance spectroscopy
- recording discharge and charge cycles· determining battery capacity
- measuring the electrolyte resistance and charge transfer resistance (electrode reaction)
- determining pulse power rating/high-current capability



State-of-the-art ion chromatography using Metrohm's 850 Professional IC instruments, on the other hand, is a highly efficient way to determine: fluoride, hexafluorophosphate, tetrafluoroborate and lithium in eluates of particular components such as anodes, cathodes and separator foils  
fluoride, hexafluorophosphate and lithium in electrolyte liquids

**To request a brochure contact us on 01928 579 600 or email [enquiry@metrohm.co.uk](mailto:enquiry@metrohm.co.uk)**

For more information on this press release please contact the Marketing Department at Metrohm UK Ltd.

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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.