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FOR IMMEDIATE RELEASE

MATHIS TECHNOLOGY, QUALITY CONTROL SOLUTIONS IN BATTERY MANUFACTURING

April 23, 2004, Fredericton, NB – Mathis’ innovative thermal technology offers significant advantages compared with other quality control tools for the battery industry.

The Mathis system accurately monitors three critical control points in the process of battery manufacturing: blending quality, drying end point determination and porosity measurements real time, providing valuable insight into battery manufacturing processes and improving efficiency by lowering costs.

Dr. Raymond Qiu, Manager of Application Development and Testing Services at Mathis spoke of the importance of Mathis technology in the battery manufacturing process:

“The innovative Mathis technology can greatly leverage quality control for battery manufacturing in at least three key areas: blend uniformity, the drying process and porosity evaluation. The Mathis technology enables us to see what is currently an invisible process, the blending process, to fully explore product line potential by identifying process issues long before the finished product stage. Moreover, the Mathis technology can significantly improve drying efficiency by real time monitoring of the drying process. The Mathis technology can non-destructively and accurately determine the porosity in seconds, providing an ideal alternative tool for porosity quality control,” says Qiu.

The Mathis system is a non-destructive, thermal conductivity testing instrument based on the modified hot wire technique. It’s a comparative tool that measures thermal conductivity and effusivity directly. The Mathis system can be used to evaluate processes as well as trends of a wide range of materials in solid, powder or liquid form.

About Mathis Instruments

Established in 1995 and based in Fredericton, NB, Mathis Instruments provides non-destructive, thermal sensor technology solutions for R&D, production and quality control applications, delivering fast, accurate measurement of thermal conductivity and thermal effusivity in seconds with virtually unlimited sample size.

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For more information on Mathis Instruments’ non-destructive thermal conductivity and thermal effusivity technology contact Nadine Chiasson, Sales/Marketing Coordinator at 1-877-827-7623 or e-mail Nadine@MathisInstruments.com.

Additional information about **Mathis Instruments Ltd.**, including media downloads, is available at www.MathisInstruments.com.