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Electrochemistry

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Thermo Electron Adds the Orion 2-Star Electrochemistry Benchtop pH Meter to its Orion Star™ Series

Newest Meter is More Affordable and Easier to Use for General Purpose pH Measurement

BEVERLY, Mass., (May 8, 2006) – Thermo Electron Corporation, a world leader in electrochemistry technology, today announced it has added the Orion 2-Star benchtop pH meter to its Orion Star™ Series, a line of meters, electrodes, accessories and solutions for electrochemistry measurement. This latest offering from Thermo Electron's Water Analysis Instruments division extends the capabilities of the Orion Star Series by offering a more affordable alternative for general purpose pH measurement without sacrificing the accuracy and ease-of-use for which the line is known.

“At Thermo Electron, we bring more than 50 years of electrochemistry expertise to our customers; yet we never stop looking for ways to tailor our products to their changing requirements and specific needs,” said Anand Shirur, Vice President and General Manager of Water Analysis Instruments at Thermo Electron. “With the introduction of the Orion 2-Star meter, customers in the industrial and education industries who require accurate pH testing now have a solution that is affordable and easy to use, the new Orion 2-Star is a perfect fit.”

The new Orion 2-Star benchtop pH meter features an intuitive user interface with a simple push-button keypad and a pullout quick-start guide. Other features include one, two and three-point calibration; auto calibration compatible with NIST and DIN buffers; and a 50-point data log that allows customers to store information within the unit. As with the entire Orion Star Series, the Orion Technical and Applications Support team offers full technical support for the Orion 2-Star to customers worldwide.

To completely tailor the Orion 2-Star to customer requirements, the new meter comes in multiple package configurations designed to adapt to any laboratory environment. Package options, based on a customer's probe or electrode requirements, include:

- Epoxy Sure-Flow® pH: 3-in-1 real time temperature compensation for better stability, longer electrode life and an unbreakable body
- Refillable epoxy Triode™, pH ATC: Provides 3-in-1 temperature compensation for better stability and convenience with unbreakable body
- Epoxy body AquaPro pH, gel: Low maintenance, fast response, good accuracy, unbreakable body
- Refillable glass pH & stainless steel body ATC: Refillable pH electrode offers economical value and longer life, ATC for automatic temperature compensation
- Refillable glass pH: Refillable pH electrode offers economical value and longer life
- Epoxy gel pH: Affordable low maintenance, requires no filling solution, unbreakable body
- Epoxy gel Triode: Best buy package that includes 3-in-1 low maintenance probe with unbreakable body
- Epoxy gel double junction TRIS compatible: Best buy for Life Science applications – 3-in-1 temperature compensation, good accuracy, unbreakable body

A wide variety of packages ensures customers receive only the functionality they require at a price point they can afford.

For more information about the Orion 2-Star Electrochemistry benchtop pH Meter, the Orion Star Series meter line or any of Thermo's water quality products, visit www.thermo.com/water.

About Electrochemistry: The Orion and Russell Electrochemistry Products from Thermo Electron, Water Analysis Instruments are ISO 9001:2000-registered manufacturer of quality chemical measurement products. The products include meters, electrodes and solutions for the measurement of pH, select ions, dissolved oxygen, conductivity and titration where accuracy, quality and consistency are absolutely critical. Thermo Electron also offers a complete line of colorimeters, syringe pumps, microbalances and Pure Water™ online process monitors.

About Thermo Electron Corporation: Thermo Electron Corporation is the world leader in analytical instruments. Our instrument solutions enable our customers to make the world a healthier, cleaner and safer place. Thermo's Life and Laboratory Sciences segment provides analytical instruments, scientific equipment, services and software solutions for life science, drug discovery, clinical, environmental and industrial laboratories. Thermo's Measurement and Control segment is dedicated to providing analytical instruments used in a variety of manufacturing processes and in-the-field applications, including those associated with safety and homeland security. For more information, visit www.thermo.com.

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