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Thermo Scientific Portable Optical Analyzers

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Thermo Fisher Scientific Announces Latest Software Update for Handheld Raman Chemical Identification System

New Software for Thermo Scientific AhuraFD Expands Library to More than 11,000 Chemicals

WILMINGTON, Mass. – October 3, 2011 – Thermo Fisher Scientific Inc., the world leader in serving science, today announced the latest software update for the [Thermo Scientific AhuraFD](#), the award-winning handheld Raman instrument for field-based chemical identification, formerly sold as Ahura Scientific FirstDefender. Deployed globally by hazmat teams, law enforcement, bomb squads and military personnel, AhuraFD enables first responders to quickly identify unknown chemicals, even through sealed containers. AhuraFD version 2.7.2 includes a larger substance library and several enhancements to the user interface for explosives applications.

[AhuraFD](#) and other [Thermo Scientific chemical identification tools](#) are in active use by military, federal and civilian first responders around the world. With this update, these field-proven tools are able to identify more than 11,000 chemicals including explosives, chemical intermediates and precursors, narcotics, white powders and more. The proprietary automatic mixture analysis enables AhuraFD to accurately identify individual components of millions of mixtures without spectral subtraction or subjective evaluation.

“AhuraFD set the standard for field-based Raman spectrometers when it was launched in 2005. With more than 3,000 deployed worldwide, it continues to be an indispensable tool for chemical identification,” said Chris Petty, vice president and general manager of Thermo Fisher Scientific’s portable optical analysis business. “We are dedicated to supporting our customers, and our continued product development helps ensure they’re able to safely address both existing and emerging threats.”

For more information about the AhuraFD v2.7.2 software update, contact customer support: support@chemid.thermofisher.com; 800-374-1992 (domestic toll-free) or +1-978-642-1100 (international).

To learn more about the full suite of Thermo Scientific portable optical analyzers, including next-generation Raman instruments, [FirstDefender RM](#) and [FirstDefender RMX](#), please visit www.thermoscientific.com/safety-chemID.

About Thermo Fisher Scientific

Thermo Fisher Scientific Inc. (NYSE: TMO) is the world leader in serving science. Our mission is to enable our customers to make the world healthier, cleaner and safer. With revenues of nearly \$11 billion, we have approximately 37,000 employees and serve customers within pharmaceutical and biotech companies, hospitals and clinical diagnostic labs, universities, research institutions and government agencies, as well as in environmental and process control industries. We create value for our key

stakeholders through two premier brands, Thermo Scientific and Fisher Scientific, which offer a unique combination of continuous technology development and the most convenient purchasing options. Our products and services help accelerate the pace of scientific discovery, and solve analytical challenges ranging from complex research to routine testing to field applications. Visit www.thermofisher.com.

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