

## News Spectrum

### COMPANY NEWS

**PerkinElmer, Inc.** (Wellesley, MA) has announced that it has signed a three-year agreement with **Schering Corporation** (Kenilworth, NJ), a subsidiary of **Schering-Plough Corporation**, to provide and implement its OneSource maintenance solution at four Schering-Plough laboratory sites in New Jersey. This represents the extension of an existing relationship between these two companies for analytical and life sciences instrumentation and other related services.

► **Thermo Electron Corporation** (Waltham, MA) and **Fisher Scientific International Inc.** (Pittsburgh, PA) announced that the merger of the two companies has been completed, creating Thermo Fisher Scientific Inc., the world leader in serving science. The companies combined in a tax-free, stock-for-stock transaction following anti-trust clearance received from the European Commission. The new company, headquartered in Waltham, MA, has approximately \$9 billion in revenues and 30,000 employees. Thermo Fisher Scientific will trade on the New York Stock Exchange under the symbol TMO.

Under the terms of the agreement, Fisher shareholders received 2 shares of Thermo common stock for each share of Fisher common stock they own. Thermo's share-

holders own approximately 39 percent of the combined company, and Fisher shareholders own approximately 61 percent.

► **SeaSolve Software Inc** (San Jose, CA) announced that Daren Williamson has joined the company as Associate Vice President for Global Sales. He will be based in the company's Europe office in London.

► **Aspectrics, Inc.** (Pleasanton, CA) announces the appointment of a new Chief Technology Officer, Robert G. Messerschmidt, who will be based at the company's North American headquarters in Pleasanton, California. He will work to continue to develop Aspectrics' EP-IR technology as well as its future technological advances. He was previously co-founder and vice president of InLight Solutions, Inc. He designed and developed the first commercial FT-IR microscope, the IRMA (1982–1984) which helped to create a market for FT-IR microscopes. In 1996, he was awarded the Williams-Wright Award for outstanding contributions to the field of industrial infrared spectroscopy. He also holds a position on the editorial advisory board for *Spectroscopy Magazine* and is currently the President of the Coblenz Society, which aims to foster the understanding and application of vibrational spectroscopy. ■

## Market Profile: ICP-MS for Water Applications

Inductively coupled plasma-mass spectrometry, or ICP-MS, is one of the most sensitive atomic spectroscopy techniques now on the market. There is considerable demand for ICP-MS in a diverse range of water analysis applications, which is driven both by governmental regulations and industrial processing needs.

ICP-MS utilizes a plasma torch to ionize the sample, which is then drawn into the mass spectrometer for detection. By using a mass spectrometer-based detector instead of a photo multiplier tube (PMT) or solid-state detector, an ICP-MS is able to achieve significantly better levels of sensitivity and resolution for many compounds of interest when compared to ICP or atomic absorption (AA).

Demand for ICP-MS from water applications was well over \$60 million in 2006, which accounts for more than a quarter of the entire ICP-MS market and represents about 4% of the combined laboratory and process water analysis instrumentation market. The two largest areas of application in the water market for ICP-MS are industrial process

water and potable water, which account for roughly 70% of this market segment combined. Tighter regulations, such as for arsenic in drinking water, and the increasing need for sensitivity to water contaminants in industries such as semi-

conductors, are two prime examples of areas in which the improved performance of ICP-MS is needed. Annual growth of the market for ICP-MS in water analysis should be similar to that of ICP-MS in general, at 7% to 8%.

The foregoing data were extracted from SDI's market analysis and perspectives report entitled *The Water*

*Testing & Analysis Market: Lab & Process — Wastewater to Ultrapure Water*, January 2007. For more information, contact Stuart Press, Senior Consultant, Strategic Directions International, Inc., 6242 Westchester Parkway, Suite 100, Los Angeles, CA 90045, (310) 641-4982, fax: (310) 641-8851, [www.strategic-directions.com](http://www.strategic-directions.com).

ICP-MS demand for water applications, 2006

