News

FOR IMMEDIATE RELEASE

Media Contact Information:
Name: LeAnn Tchoryk
Phone: (713) 272-4516
Email: leann.tchoryk@thermofisher.com
Website: www.thermo.com/flocal

Secondary Contact Information:
Jennifer Fauteux
(703) 549-3745
jfauteux@greenoughcom.com

Thermo Fisher Scientific Announces New Flo-Cal 6000 and 8000 Online Calorimeters for Highly Accurate Heating Value Measurement

Improved Analyzers Offer High-Speed Results, Greater Versatility in Range of Applications and More Robust Design for Tough Environments

SUGAR LAND, TX (June 10, 2009) – Thermo Fisher Scientific Inc., the world leader in serving science, today announced the new Thermo Scientific Flo-Cal 6000 and 8000 online, high-speed calorimeters designed to accurately measure the heating value of combustible gases for refineries and related facilities, landfill operations and steel plants. Both models build on the field-proven reputation of the Flo-Cal line and Thermo Fisher Scientific's process instruments portfolio, offering key features to improve efficiency, plant safety and cost control.

Designed to rapidly measure the heating content of gas streams in Wobbe Index, Calorific Value and/or Specific Gravity, the Flo-Cal 6000 and 8000 are ideal for monitoring the heating value of combustible gases, blended gas streams and gas heating value quality. The new calorimeters are easy to use and calibrate, feature upgraded electronics to allow for unattended operation and have no moving parts to minimize maintenance.

Both models are also now uniquely designed to integrate with the Thermo Scientific Sarasota FD900 gas density meter, creating one highly accurate system for Calorific Value and Specific Gravity measurement to further minimize maintenance and operational costs. The combined systems guarantee accuracy of .1kg/m3 for density and are capable of achieving specific gravity measurement of 0.1% of full scale.

"Our customers need instruments that help maximize productivity and reduce costs across the board. Both Flo-Cal models directly measure heating value by complete combustion of the sample gas, making the instruments less susceptible to gas compositional changes than other measurement techniques," said Doug Frye, product manager for Thermo Fisher Scientific. "The instruments also enable more efficient furnace control, an industry trend that leads to operational cost reductions, and help control un-combusted hydrocarbons to minimize environmental emissions."

The Flo-Cal 6000 and 8000 fully integrate with the Modbus communications protocol to ensure seamless integration with plant control systems, offer 4-20 mA outputs to ensure plant safety and are available in hazardous-area designs or climate-controlled packaging. They are also backed by the extensive worldwide Thermo Fisher Scientific service and support network. For more information on the Flo-Cal, visit www.thermo.com/flocal, and for more information on the line of Sarasota gas density meters, visit www.thermo.com/gasdensity.

Thermo Scientific is part of Thermo Fisher Scientific, the world leader in serving science.

ThermoFisher
SCIENTIFIC

About Thermo Fisher Scientific

Thermo Fisher Scientific Inc. (NYSE: TMO) is the world leader in serving science, enabling our customers to make the world healthier, cleaner and safer. With 2008 revenues of $10.5 billion, we have approximately 34,000 employees and serve over 350,000 customers within pharmaceutical and biotech companies, hospitals and clinical diagnostic labs, universities, research institutions and government agencies, as well as environmental and industrial process control settings. Serving customers through two premier brands, Thermo Scientific and Fisher Scientific, we help solve analytical challenges from routine testing to complex research and discovery. Thermo Scientific offers customers a complete range of high-end analytical instruments as well as laboratory equipment, software, services, consumables and reagents to enable integrated laboratory workflow solutions. Fisher Scientific provides a complete portfolio of laboratory equipment, chemicals, supplies and services used in healthcare, scientific research, safety and education. Together, we offer the most convenient purchasing options to customers and continuously advance our technologies to accelerate the pace of scientific discovery, enhance value for customers and fuel growth for shareholders and employees alike. Visit www.thermofisher.com.

###