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Innoquest Unveils Award-Winning Portable Texture Meter – SpotOn® Consistometer

(WOODSTOCK, IL) [Innoquest, Inc.](#), the designer and manufacturer of sensors and measurement instruments, has released the patent-pending **SpotOn® Consistometer**, which has been selected as an AE50 winner for 2013. Primarily created to quickly measure semi-solid food ingredients in the food processing industry, the portable device accurately and reliably measures textures on the shop floor, thereby bridging the gap between analog measurements requiring an experienced operator and a conventional lab-type benchtop texture analyzer.

“The [SpotOn Consistometer](#) is intended for use in a variety of food processing industries,” [Bill Hughes](#), President of Innoquest, said. “It can be used to quickly measure the texture of shortening, margarine, butter, cheese, icing, paste, dough, peanut butter and more. Typically, the consistency – how hard or soft an ingredient is – has been determined by expensive laboratory equipment or a very experienced worker who tests sample consistency manually. Now, with the SpotOn Consistometer, a product or ingredient’s consistency can be measured objectively and quickly.”

Selected as a 2013 AE50 Award Winner

The [American Society of Agricultural and Biological Engineers \(ASABE\)](#) recently [announced](#) that Innoquest has won an AE50 award for the **SpotOn Consistometer**. Deemed as “one of the year’s most innovative designs in engineering products or systems for the food and agriculture industries,” the **SpotOn Consistometer** will be featured in the January/February 2013 special AE50 issue of ASABE’s magazine, [Resource: Engineering & Technology in a Sustainable World](#). Companies from around the world submit entries to the annual AE50 competition and up to 50 of the best products are chosen by a panel of international engineering experts. The judges select the products that will best advance engineering for the food and agriculture industries.

Simple to Operate, Reliable Measurements

A powerful handheld tool, the **SpotOn Consistometer** is ideal for quality assurance (QA), troubleshooting and research & development (R&D) in a variety of industries. Precision force, depth and temperature sensors are combined with a microprocessor and digital reading that enables a display of averages and standard deviation, along with on-the-fly error checking for accurate, reliable measurements.

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Using a precision load cell and non-contact depth sensor, the **SpotOn Consistometer** simultaneously measures penetration force, penetration depth and temperature of an entire sample, not just the surface. Plus, instantaneous penetration speed is displayed, which guides the operator for repeatable results. Data can even be downloaded to a spreadsheet program for analysis and plotting.

“The Consistometer is handheld, enabling on-the-spot measurements, and is simple to operate through self-teaching features,” Hughes said. “It also includes PC software for full data recall and custom configuration to your application. You can see how easy it is to use by watching our demo video on [YouTube](#) (*Search: SpotOn Consistometer*) – I think you’ll be pleasantly surprised.”

The **SpotOn Consistometer** currently lists in the United States for \$2,495. For more details or to find a distributor, call 1 (800) 637-1623 or visit www.InnoquestInc.com.

Innoquest, Inc. has been designing and manufacturing sensors and instruments since 1993.

To download photos, pricing and specs, visit www.InnoquestInc.com/news.

For more information or an interview, please contact:

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