

Sciometric's Leak Tuner Assistant makes an intelligent leak test even smarter

December 06, 2017 – Ottawa, Canada – Sciometric Instruments Inc.

(www.sciometric.com), a pioneer of Industry 4.0 smart technologies used by global manufacturers to increase yield, improve quality and optimize manufacturing processes, has released the Leak Tuner Assistant, to help users take full advantage of the speed, accuracy and intelligence of Sciometric's 3520 Series Leak Tester.

Many conventional leak test systems are analog and claim plug-and-play functionality. But these systems suffer from poor adaptability to accurately and reliably compensate for common variables, from shifting environmental conditions in the plant to differences in fixturing for the leak test station. Achieving a reliable and repeatable leak test is a slow process.

The 3520 overcomes these shortcomings with a digital feedback controller and the ability to monitor over 20 sensors relevant to the status of the leak test. The result is much greater precision, speed, adaptability and reliability for leak testing versus conventional analog-based systems.

Tuning such a precise and complex leak test system often required deep technical and engineering expertise. Until now.

Sciometric's leak test specialists have distilled their knowhow into the Leak Tuner Assistant. This add-on to the 3520 makes tuning the PID controller software used to manage test pressure and optimize each phase of the test cycle as simple as entering the test pressure and (optionally) the fast fill pressure. An automated sequence of measurements and data analytics do the rest to determine the right settings and walk the user through any required adjustments.

"In the right hands, our leak test systems have proven in trials to be faster and more accurate than our competitors because we combine high-precision data acquisition with advanced data analytics and software," said **Dr. Steven White, Test Engineering Manager at Sciometric**. "The addition of the Leak Tuner Assistant drastically reduces the manual effort and technical expertise required to take full advantage of the 3520's capabilities."

The Leak Tuner Assistant, when combined with Sciometric's process signature verification tools, also makes it easy to run tests and simulations with available data without disrupting regular production to optimize the leak test, set limits faster and raise overall production quality.

Visit www.sciometric.com/leaktest for more info on the 3520 Series.

About Sciometric Instruments

Sciometric (www.sciometric.com) is a pioneer of Industry 4.0 smart technologies used by manufacturers to optimize yield, boost quality and reduce costs. The company has worked in measurement and data management for over 30 years. The breadth and depth of Sciometric's expertise is unique, and the result of walking thousands of manufacturing lines, creating hundreds of applications and installing thousands of systems worldwide. Sciometric's technology is used around the world to improve manufacturing quality and productivity by companies such as Ford, Hewlett-Packard, Jaguar Land Rover, Caterpillar,

Honda, John Deere and Medtronic. Founded in 1981 and headquartered in Ottawa, Sciometric has sales and support offices in Windsor ON, the U.S., the U.K, India and China. Sciometric is a member of the TASI Group (www.tasigroup.com) of companies.

Media Contacts:

Leo Valiquette

(613) 769-9479

leo@leovaliquette.com