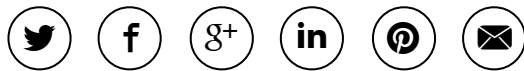# Siborg Systems Inc. Furthers into European Market with New Smart Tweezers LCR-meter Distribution Deal in Lithuania

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A new deal has been penned for UAB Elintos Matavimo Sistemos to offer Smart Tweezers and LCR-Reader digital LCR-meters to Lithuanian and European customers

WATERLOO, ONTARIO (PRWEB) MARCH 31, 2015

Canada based Siborg Systems Inc. has made a new deal with Kaunas, Lithuania based UAB Elintos Matavimo Sistemos to offer the popular line of handheld LCR-meters Smart Tweezers and LCR-Reader. This new deal brings the device closer to customers based in Lithuania and surrounding Eastern Europe.

UAB Elintos Matavimo Sistemos has been operating since 1996 as a supplier of measurement equipment and power sources for industrial enterprises. They are constantly expanding their range of products and services to meet the needs of the industry. They currently offer a wide range of measurement instruments and equipment including test and adjustment systems and power sources; verification and calibration services and consulting on the products they offer.

"We are happy to have UAB as a new distributor. UAB offers a wide range of test and measurement equipment; we think that the LCR-Reader and Smart Tweezers will be a good fit for their customers. This will bring Smart Tweezers to customers in Lithuania and surrounding Europe, and will provide a closer to home option for customers, whether they are just getting their devices or require maintenance or repair." says Michael Obrecht, a Director at Siborg Systems Inc.

Siborg Systems Inc. released the LCR-Reader in 2013 as a lower-cost alternative to the globally popular Smart Tweezers LCR-meters. The success of the Smart Tweezers line is in the design; a set of gold-plated probes and a small LCR-meter in a nearly pen-sized device that is operable with only one hand. Smart Tweezers and LCR-Reader revolutionize the way for testing and troubleshooting Surface Mount Technology; when a component is in contact with the probes, the device will automatically determine the type of component and best test parameters for the highest accuracy measurements possible with no set up required. The tweezer probes are able to get a full contact grasp on components, either mounted

on a PCB or loose, to a 0201 size or 0.3mm. The ability to test components with no set up means less time wasted sorting components or guessing at the components values.

The LCR-Reader was developed for non-professionals looking for a device that provides the same experience and high accuracy as Smart Tweezers but without the higher price, retailing for less than $200. LCR-Reader was also the first to debut the new look of the Smart Tweezers family; a slim body design with a 1 oz. weight and bright OLED display. LCR-Reader is controlled with just one button; each press cycles through the measurement modes: Automatic, Inductance, Capacitance, and Resistance. All components are measured with a fixed test amplitude of 0.5Volts and a 1% basic accuracy; and like Smart Tweezers, LCR-Reader will display the parasitics for the component such as R for L, C and C for R. The LCR-Reader has some limitations that Smart Tweezers do not, to save on cost; the device does not offer variable tolerances, semi-automatic offset subtraction, or continuity/diode testing. The LCR-Reader also does not come with an NIST traceable calibration certificate. Siborg has released a slightly updated model of LCR-Reader, the Colibri. This model is the same as LCR-Reader with the option to change the test frequency for more specific measurements.

Smart Tweezers is the flagship device and is used by many major high-tech companies and professionals globally. This model offers more features, higher accuracy of 0.2%, and comes with a NIST traceable calibration certificate for companies that require their test equipment is calibrated annually. This model also has extensive menus for customizing for specific measurements; variable tolerances of 1, 5, 10 and 20%, parasitic offsets, and variable test signals.

Both devices are powered by a Li-Ion battery and have a four wire connection from the probes to the LCR-meter. This connector means there is less noise while testing, making for higher accuracy.
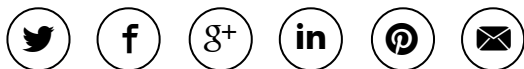
Siborg is happy to have UAB as a new distributor to assist in branching out further into Europe. For a more detailed history of Smart Tweezers and LCR-Reader LCR-meters, see the Smart Tweezers Archive; and for all the latest news, visit the Smart Tweezers Blog.

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LCR-Reader and Smart Tweezers: Ultimate LCR-meters for SMT

Smart Tweezers and LCR-Reader are a good fit among test and measurement equipment UAB offers in Baltic Republics

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Older Smart Tweezers model design vs. new look
The newest models in the Smart Tweezers family have a slimmer design and weight only 1 oz.

LCR-Reader Specifications Flier
Details about the LCR-Reader LCR-meter

Smart Tweezers LCR-meter ST5S Manual

Smart Tweezers ST-5S Specs
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