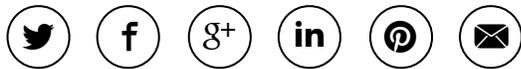


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Siborg Systems Inc. Offers New Products with Distribution Deal with KT International in Indonesia

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Canadian Siborg has resigned a distribution deal to offer LCR-Reader Pro, Smart Tweezers Bluetooth and LED Test Tweezers in Indonesia

WATERLOO, ONTARIO (PRWEB) SEPTEMBER 30, 2016

Since 2013, Siborg has worked with KT International in Batam, Indonesia on re-selling and marketing [Smart Tweezers LCR- and ESR-meters](#). They have recently re-signed this deal to include Siborg's newer products, including the LCR-Reader and LCR-Reader Pro LCR- and ESR-meters, a new model of Smart Tweezers, and other tweezer-based testing tools.

KT International specializes in hand tools, measurement devices, consumable and electronics testers for the electronics industry. They offer products from Vessel, Fisnar, Extech, Japan Unix, Kenta, Tesa, Bofa, Wilco and more.

The previous deal between Siborg and KT International only offered Smart Tweezers ST-5; since then, Siborg has released newer multimeters and other tweezer-based products that help productivity while working with surface mount technology. These [products now include](#):

- LCR-Reader LCR and ESR- meter
- LCR-Reader Pro
- Smart Tweezers ST-5S
- Smart Tweezers ST5S-BT with Bluetooth capabilities
- LCR-Reader Probe Connector
- Multifunction SMD Test Tweezers
- Smart LED Test Tweezers

[LCR-Reader and Smart Tweezers LCR- and ESR-meters](#) are fully automatic, handheld multimeters that combine a set of sharp, gold-plated tweezers with a lightweight LCR- and ESR-meter. When the tweezers grasp a component, the multimeter determines the type of component and best test parameters before

measuring and displaying the results on the bright OLED display. With no set-up between measurements and high accuracy, these devices have become essential for all work with SMT.

LCR-Reader is Siborg's lower-cost alternative to the Smart Tweezers line of handheld LCR- and ESR-meters. Siborg designed this product for clients who wanted the same experience as **Smart Tweezers** with tweezers as probes but without the high price; by removing some features and offering a slightly lower basic accuracy of 0.5%, Siborg was able to create a lower-priced device. Besides Siborg created a fixture that was able to calibrate their devices that use a 4-wire Kelvin connection, including newer models of **Smart Tweezers**, and once this fixture was verified, they were able to start issuing calibration certificates for LCR-Reader.

With the ability to issue calibration certificates, Siborg's best-selling product was made available: the LCR-Reader Pro. This task kit includes a pre-calibrated LCR-Reader, NIST traceable calibration fixture, spare bent tweezers probes, an extra battery, charger and manuals. Due to its low price (\$240 USD) and inclusion of a calibration certificate, professionals have embraced the LCR-Reader Pro.

Previously, KT International only offered the Smart Tweezers ST-5 device; the newer version of this model is the ST-5S. The ST-5S offers the same features and functions with a 0.2% basic accuracy with a updated look akin to the LCR-Reader. At only 1 oz., the new look also features the bright OLED display that provides optimal contrast in even poorly lit situations and a 4-way joystick-like navigation. This model also comes with an NIST traceable calibration certificate, spare bent probes and a charger.

Siborg recently announced the **Smart Tweezers ST5S-BT**; based on the ST-5S model, the new model offers Bluetooth connectivity to computers or mobile devices using dedicated apps. The device is able to connect to computer (using the required USB Bluetooth connection stick) using communication software such as NI LabView. When connected, the device will automatically relay all measurement results to the receiver in a comma separated string of values that represents what was on the display at the time of measurement. This string represents the main impedance value and type, secondary values and type, test frequency, test signal level and measurement mode followed by 4 reserved values. This data can be saved into a file or processed in a database at a later time. The ability to remotely record measurement values limits mistakes made while creating quick references or quality control.

Building on the success of their tweezer-based multimeters, and the industry's push for lighter, more portable gadgets that have tightly packed PCBs, Siborg has expanded their range of products to include other test tweezer devices. These include:

- **LCR-Reader Probe Connector** that turns any LCR-Reader and Smart Tweezers Device into a Probe Station, allowing the multimeter to test components larger than the tweezers will spread. The Probe Connector comes with different interchangeable heads for different jobs, including long and medium pin-probes, spade connector, alligator clips and multimeter jacks. The Probe Connector is easy to install by removing one of the gold-plated tweezers.
- Multifunction SMD Multimeter Test Tweezers: this device compliments any multimeter with the ability to provide more accuracy while testing using tweezers to measure components to a 0402 size.
- Smart LED Test Tweezers were designed for testing through-hole and surface mount LEDs, switches, fuses and more. While testing LEDs, the device uses a 12VDC output with variable current ratings. The LED Test Tweezers can also be connected to a multimeter using the included connector cable to hook up to a multimeter and test components with tweezer-precision.

"KT International is happy to have these new products to offer our customers. A few years ago, our customers were telling us that we should offer Smart Tweezers, and they were not wrong; they will be excited to see Siborg's newest products. We are excited to see their reaction to the LCR-Reader Pro with its lower price, but without sacrificing accuracy; the NIST traceable calibration is an added bonus for professionals." says Tamsir, the Sales Manager at KT International.

All of these products are available from Siborg's online sales channels including LCR-Reader Store, Amazon Canada, [Amazon USA](#), [Amazon Germany](#), Amazon UK, Amazon France and KT International in Batam, Indonesia.

More information about Smart Tweezers and LCR-Reader history of development is available in Smart Tweezers LCR-meter and LCR-Reader Archive.

About KT International

Founded in 2003 by a team of professionally trained engineers and salespeople who had vast experience and product knowledge in the electronics manufacturing industry, KT International strives to be the market leader in the industry by maintaining highest standards in customer service and product quality.

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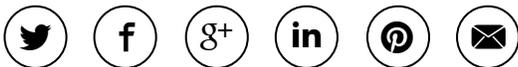
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About Siborg Systems Inc

Established in 1994, Siborg is a source of engineering hardware and software solutions for the semiconductor and electronics industry. Located in the city of Waterloo, Ontario, Canada, it enjoys being a part of the local world-renowned high-tech community.

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Smart Tweezers ST5S-BT
With Bluetooth Connects to
LabView From NI

Our Clients are
excited to see
Siborg's newest
products

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LCR-Reader and the Probe Connector

The connector allows to use Smart Tweezers and LCR-Reader as a Probe Station



LCR-Reader Pro

Includes: LCR-Reader, Calibration Certificate, Spare Bent tips, Extra battery, Charger and Manuals



LCR-Reader Probe Connector Kit

5 replaceable attachments for longer-reaching probes



LED Test Tweezers

3 test current ratings, could be used as a Tweezer meter, multimeter connector is included



SMD Multimeter Test Tweezers
Plugs into most multimeters to be used as tweezer probes for more efficient work

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