

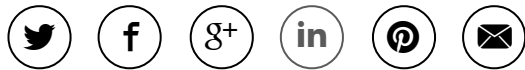


Thursday, October 13, 2016



# Smart Tweezers Available in Vietnam and Asia with New Distribution Deal with Medin Co. Ltd.

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Siborg Systems Inc. and Medin Co. Ltd. to work together in offering Smart Tweezers LCR-meter and LCR-Reader in Vietnam and Asia.

### WATERLOO, ONTARIO (PRWEB) JULY 31, 2014

A new distribution deal between Siborg Systems Inc. and Medin Co. Ltd. brings Smart Tweezers handheld digital LCR-meter to Vietnam and surrounding Asian areas. This deal ensures that customers get their devices faster without having to wait for shipping or customs from North America.

Medin Co. Ltd. is a Vietnam based supplier of all types of electronic equipment, tools and parts from Panasonic, SMC, Weller, Omron, and Apex Tool Group.

"We are excited to bring Smart Tweezers to Vietnam with this new distribution agreement with Medin Co. Ltd." says Michael Obrecht, Director of R&D at Siborg, "Smart Tweezers are a great fit amongst Medin's other products. Smart Tweezers are an essential tool for quick component evaluations."

**Smart Tweezers** are a fully automatic LCR-meter that provides users with high accuracy and speed while testing and troubleshooting Surface Mount Devices or the circuitry. The unique design combines a set of gold-plated stainless-steel sharp tweezer tips with a powerful digital LCR-meter in a 1 oz. device. The tweezers' are able to grasp all types of components to a 0201 size or 0.3mm, including those on crowded PCBs without the need for removing them. When a component is touched, **Smart Tweezers** will automatically determine the type of component and measure accordingly for Inductance, Resistance or Capacitance, while also determining any secondary values such as the Equivalent Series Resistance (ESR). All measurement values are then instantly available on the built in OLED display.

The newest model of **Smart Tweezers**, the ST-5S offers users the same high accuracy and features found on the previous best-selling model, the ST-5, but with an updated look akin to the LCR-Reader. The ST-5S offers a 0.2% basic accuracy, semi-automatic parasitic offset subtraction, continuity and diode testing, and component sorting. This model is the professional choice, and is currently in use by many major

high-tech companies worldwide for applications from manufacturing to repair and maintenance, and is the choice model on production lines.

Features include:

- Fully automatic Inductance, Resistance, Capacitance and Equivalent Series Resistance (ESR) evaluations
- Basic accuracy of 0.2%
- Component sorting with 1%, 5%, 10% and 20% tolerance
- Continuity and diode testing
- Adjustable test signals of 0.5 and 1.0 Vrms
- Displays active and reactive impedance components displayed
- Parasitic offset subtraction feature

The **LCR-Reader** is the consumer's choice LCR-meter with a price below \$200 USD, designed for non-professionals and hobbyists that want a handheld alternative to conventional bench type testers. This model has a lower basic accuracy 1% and less features than the ST-5S model, including the ability to manually select the test signal and frequency. The **LCR-Reader** uses a fixed 0.5 Vrms signal, which may limit testing ceramic capacitors.

Features include:

- Automatic L, C, R and ESR measurements
- Basic accuracy of 1%, the same found on the Smart Tweezers ST-2 and ST-3 models
- Best range selection
- Affordable price for non-professionals

Both devices have a Li-Ion battery, rechargeable via micro-USB, with 60 hour life. Both devices also weigh only 1 oz., have a bright OLED display, and are controlled with a one button navigation. The ST-5S features a joystick like navigation that allows the user to switch test modes, signal frequency, etc. without needing to use the menus.

Smart Tweezers have grown globally over the past 10 years of availability, and have become recognized for their unique and easy-to-use design for all SMT work, including manufacturing, repair and maintenance.

Visit the [Smart Tweezers Blog](#) for all the latest news.

For more information:

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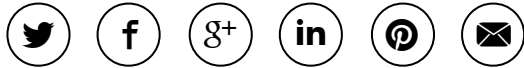
About Siborg Systems Inc.

Established in 1994, Siborg is a source of engineering software and hardware tools for 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.  
<http://www.siborg.com>

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LCR-meter Smart Tweezers  
ST-5S

Smart Tweezers are an essential tool for quick component evaluations and PCB debugging.

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