

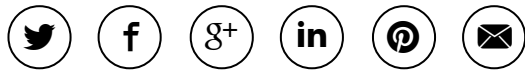


Thursday, October 13, 2016



# LCR-Reader and Smart Tweezers LCR-Meters Are Now Available in Vietnam From New Distributor

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Siborg Systems Inc. and Thang Long P&T Int. Co. Ltd. have penned a deal to offer the popular handheld LCR-meters in Vietnam.

**WATERLOO, ONTARIO (PRWEB) JUNE 30, 2014**

**Smart Tweezers** have grown worldwide with distributors across the globe; the newest deal brings the LCR-meters to Vietnam with a newly agreed upon deal between Siborg Systems Inc. and Thang Long P&T Int. Co. Ltd. in Vietnam. This new deal will make the Smart Tweezers line more accessible to consumers in Vietnam and Asia, as well as cut wait times for shipping and customs.

**Smart Tweezers** are a handheld digital LCR-meter that requires no set up to perform evaluations on Surface Mount Technology. With just a touch, **Smart Tweezers LCR-meter** is able to automatically identify the type of component and select the best test range and signal frequency for high accuracy measurements. When components are small and unlabelled, keeping track of their values and the components themselves can be difficult. Smart Tweezers is the simple solution with the ability to identify components and sort them. Unlike traditional testers that require 2 hands for holding the probes, **Smart Tweezers** unique design combines a set of tweezers with a powerful LCR-meter that can easily be held and operated with just one hand. The measurement values, component type and secondary values are all shown instantly on the embedded display.

Thang Long P&T is a supplier of an SMT line and SMT accessories, industrial equipment and supplies, industrial water pumps, conveyors and lubricant grease.

"**Smart Tweezers** is a good fit among our other products," says Thăng Hoàng from Thang Long P&T, "Our customers will appreciate a device like Smart Tweezers for working with Surface Mount Technology. The device makes easy work of testing and troubleshooting PCBs."

Smart Tweezers have become world-renowned for their unique design that combines a set of tweezers and a powerful LCR-meter in an ultraportable device. The newest models of Smart Tweezers offer users a smaller and more lightweight design of 1 oz. and with a bright OLED display. The new ST-5S takes all

the features and accuracy from the best selling ST-5 model and puts it in the new LCR-Reader's body. The ST-5S offers a high basic accuracy of 0.2%, and multiple features such as: component sorting, semi-automatic parasitic offset subtraction, and continuity and diode testing.

ST-5S feature summary:

- Automatic L,C, R and ESR measurements
- Basic accuracy of 0.2%
- Adjustable test signals of 0.5 and 1.0 Vrms
- Component sorting with 1%, 5%, 10% and 20% tolerance
- Continuity and diode testing
- Active and reactive impedance components displayed
- Parasitic offset subtraction feature

The LCR-Reader, the consumer's choice [LCR-meter](#) is a lower cost model of Smart Tweezers, designed for non-professionals and hobbyists looking for a device with high accuracy and ease-of-use found on Smart Tweezers. With a retail price of below \$200, LCR-Reader is more affordable, but has a few less features than regular Smart Tweezers. LCR-Reader is fully automatic, it selects the best measurement mode for the component under test, but does not offer manual test signal and frequency selection. Instead, the LCR-Reader only uses a 0.5 Vrms test signal, which limits testing ceramic capacitors. Controlled by a one-button navigation, users can easily cycle through measurement modes with just a touch.

Features available on LCR-Reader:

- Automatic L, C, R and ESR measurements
- Basic accuracy of 1% (about the same accuracy found on ST-2 and ST-3)
- Best range selection
- Li-Ion battery with micro-USB charger
- 1 oz. weight.

Smart Tweezers are currently used by many major high-tech companies worldwide, and have been proven as an exceptional tool in all applications from assembly to maintenance and repair. Visit the [Smart Tweezers Blog](#) for all the latest news about Smart Tweezers and LCR-Reader.

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About Siborg Systems Inc:

Established in 1994, Siborg Systems Inc. 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.

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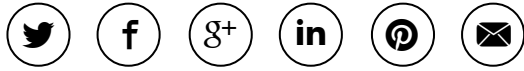
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The latest in Smart Tweezers family: model ST-5S, the merger between LCR-Reader and ST-5

“Our customers will appreciate a device like Smart Tweezers for working with Surface Mount Technology. The device makes easy work of testing and troubleshooting PCBs.” - Thắng Hoàng from Thang Long P&T

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## Media

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A Merger of Smart Tweezers LCR-meter and LCR-Reader

Smart Tweezers LCR-meter is now as small as LCR-Reader while still retaining the accuracy and functionality of Smart Tweezers ST5



LCR-Reader Akin to Smart Tweezers LCR-meter

LCR-Reader akin to Smart Tweezers LCR-meter with labels



LCR-Reader vs Smart Tweezers ST3, ST5 and ST5L

Feature Comparison of LCR-Reader and Previous Smart Tweezers Models



Smart Tweezers LCR-meter ST5S Manual

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