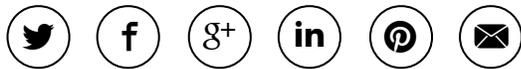Thursday, October 13, 2016

# Siborg Systems Inc. Offers Smart Tweezers and LCR-Reader on Amazon

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The worldly recognized handheld line of LCR-meters is now available from Siborg Systems Inc. on Amazon including affordable LCR-Reader and the new model ST-5S.

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

Canadian Siborg Systems Inc. has begun offering the Smart Tweezes ST-5, ST-5S and LCR-Reader on Amazon.com and Amazon.ca. By selling the devices through Amazon, customers will benefit from lower costs and faster shipping and absence of the border crossing charges.

By offering an alternative online marketplace for customers, Smart Tweezers ST-5, ST-5S and LCR-Reader devices and accessories can be found in one place. With Amazon fulfilled shipping customers in the United States will get their devices faster and avoid customs and brokerage charges.

Smart Tweezers are the leading handheld digital LCR-meter, easily recognized by the unique design which combines a set of tweezers as the probes and a powerful LCR-meter in a handheld unit. When the tweezers grasp a component, either loose components or those mounted to a PCB, Smart Tweezers instantly recognizes the type of component, selects the best test range, and measures for Inductance, Resistance or Capacitance as well as Equivalent Series Resistance (ESR) values. The measurement results are instantly available on the small display imbedded in the device, as well as the type of component, test parameters and secondary impedance values. Designed specifically for testing and troubleshooting Surface Mount Technology (SMT), the sharp tweezers' tips can grasp all components, loose or already mounted. Since the small components used in SMT, referred to as Surface Mount Devices or SMDs, may or may not have labels or other distinguishing marks, keeping track of these components or their values can be difficult. Using Smart Tweezers' component sorting and fully automatic measurements, there is no need to set-up again to determine the difference between components.

The ST-5 model, currently being replaced by ST-5S, has become the most widely used model by professionals and high-tech companies worldwide. This model features:

- Fully automatic L, C, R and ESR evaluations
- Basic accuracy of 0.2%
- Adjustable test signals of 0.25, 0.5, 1.0 Vrms
- Component sorting with 1%, 5%, 10%, and 20% tolerance
- Continuity and diode testing
- Displays active and reactive impedance components
- Parasitic offset capabilities
- Ideal for small components, as small as 0201 size (0.3mm)
- Li-Ion battery, micro-USB charging
- New 1 oz. weight and ergonomic design

The Smart Tweezers ST-5 model will be shortly replaced with the ST-5S, and updated version of the model. The ST-5S still offers all the same features found on the ST-5, but has a new look like the LCR-Reader. A smaller body, and lighter weight of 1 oz. and a bright OLED screen that provides better contrast.

The LCR-Reader is the consumers choice for LCR-meters akin to Smart Tweezers. It was the first to debut the smaller, lighter design, and offered a price nearly half of the Smart Tweezers' price. Siborg designed the LCR-Reader for non-professionals looking for the same experience found on Smart Tweezers, but did not want to pay the high price. To achieve this price, some features were left off the device, including: adjustable test signal, parasitic offset, component sorting, and continuity and diode testing. LCR-Reader also features a lower basic accuracy of 1%, though, this accuracy is on par to that of the ST-2 and ST-3 models.

Smart Tweezers and LCR-Reader are still offered directly from Siborg Systems Inc., but the addition of Amazon as a supply channel offers American customers faster shipping within the United States, rather than shipping from Canada. Lower shipping rates are also available through Amazon, including free two day shipping for Amazon Prime account holders. It should be noted that a direct purchase from Siborg includes free additional 1 year manufacturer warranty.

All Smart Tweezers and LCR-Reader news is available on the Smart Tweezers Blog.
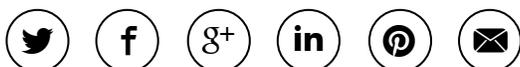
About Siborg Systems Inc.

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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LCR-meter Smart Tweezers ST5-S

LCR-Reader and Smart Tweezers LCR-meter offer an easy solution to a known problem of SMT component characterization.

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## Media

Smart Tweezers ST-5S Is Released
Newly Released Model off Smart Tweezers in LCR-Reader form-factor



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



Smart Tweezers LCR-meter simplifies PCB debugging
The main advantage of Smart Tweezers is virtually instantaneous and highly accurate evaluation of SMT components as small as 0.3 mm



Smart Tweezers ST5 Manual
Smart Tweezers LCR-meter ST5 Manual

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