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Three Day Boxing Day Sale for Smart Tweezers and LCR-Reader LCR-meters from Siborg Systems Inc.

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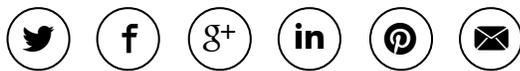
Siborg Systems Inc. is offering a three day discount on the popular handheld LCR-meters starting December 26, 2014

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Smart Tweezers and LCR-Reader LCR-meters from Siborg Systems Inc. are a user-friendly tool for testing and troubleshooting Surface Mount Technology. The device combines a set of tweezers with an LCR-meter with high basic accuracy and instantaneous results. To celebrate Boxing Day, Siborg Systems Inc. is offering a three day discount.

Starting at 12:00 AM EST on December 26, 2014, Siborg is offering a sales price for Smart Tweezers ST-5S and LCR-Reader. The sale ends at 11:59 PM EST on December 29, 2014. All orders can be made through any link on this page, as well as by phone or fax which can be found at the bottom.

Surface Mount Technology utilizes small components mounted on a printed circuit board to make electronics. The components used are generally very small and may or may not have markings to determine the type of component or its values. Testing these components may be difficult using conventional testers that require set-up and both hands to work the long probes. The need for more practical test equipment is constantly in demand.

Smart Tweezers LCR-meter and LCR-Reader are the solution to these problems; the combination of a set of tweezers and an LCR-meter in a one-handed use device provides users with a simple alternative. The sharp gold-plated tweezers' tips that act as the probes guarantee a full contact grasp on all components to a 0201 size and the older through-

LCR-Reader, the Smallest Professional LCR-meter

The ST-5S is a more expensive device, with more features that are not necessary for most users, but useful to some

hole type. When in contact, Smart Tweezers and LCR-Reader are able to determine the type of component as inductor, capacitor or resistor and choose the best test signal and frequency for that component. Instantly, the measurement results, including the type of component, main and secondary values and test parameters, are made available on the display mounted in the device.

people for specific requirements.

There are currently two models available; Smart Tweezers ST-5S and the LCR-Reader. The ST-5S is an upgraded version of the previous ST-5 model, a more expensive model with more features for specific projects. This model comes with a calibration certificate and a higher basic accuracy of 0.2%. Some features found on the ST-5S include component sorting with variable tolerances, continuity and diode testing and adjustable test signal levels. The ST-5S is controlled with a joystick navigation button that allows users to quickly change test parameters without needing to enter the menus.

The LCR-Reader was the first device to debut the new look with a thinner body and lighter weight of 1 oz.; this device was designed to retail at nearly half the price of Smart Tweezers ST-5S, at under $200 USD, while still offering an exceptionally useful tool. To be able to offer the device at a lower cost, Siborg omitted some features from the device (component sorting, diode and continuity testing, etc.) and opting to use a fixed 0.5Vrms test signal. The LCR-Reader surpasses the previous ST-1, ST-2 and ST-3 models, with only a slightly lower basic accuracy of 1% than the ST-5. Controlled by only one button, the LCR-Reader cycles through measurement modes with each press.

Michael Obrecht, the Director of Research and Development at Siborg says, "We wanted to create a more affordable Smart Tweezers type of device, and made the LCR-Reader. But we also wanted to offer the same features as the ST-5, so we updated the ST-5 to the new design for the ST-5S. The ST-5S is a more expensive device, with more features that are not necessary for most users, but useful to some people for specific requirements."

Both LCR-Reader and Smart Tweezers ST-5S come with a travelling hard-shelled case, and are light enough to be nearly undetectable in a bag or pocket. The devices can last up to 80 hours on a full charge, and the Li-Ion battery can be recharged using a micro-USB cable. Smart Tweezers and LCR-Reader LCR-meters have become a worldwide recognizable device for their innovative design that combines a set of tweezers and an accurate LCR-meter. The easy-to-use concept reduces stresses while testing and troubleshooting electronics that use Surface Mount Technology, in all applications from manufacturing to repair and maintenance. Take advantage of the Boxing Day Sale for these exceptional devices.

About Siborg Systems Inc.
Established in 1994, Siborg Systems Inc. is a source of engineering software and hardware tools 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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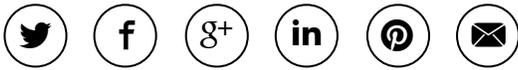
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Media

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
Features and Accuracy Specifications of Smart Tweezers ST-5S

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