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The First Batch of LCR-Reader Replacing LCR-meter Smart Tweezers ST5L Is Released By Siborg Systems Inc

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Production of LCR-Reader, a new cheaper and simpler model of Smart Tweezers LCR-meter has begun. The new LCR-meter replaces previous model of Smart Tweezers ST5L. Compared to Smart Tweezers, LCR-Reader is twice as light and cheap as well as the significantly smaller in size.

TORONTO, ONTARIO (PRWEB) JUNE 30, 2013

A new member of the Smart Tweezers LCR-meter family, LCR-Reader has finally arrived with the first batch of devices being manufactured. The new device replaces previous model of Smart Tweezers ST5L production of which was stopped in June 2013. LCR-Reader, presented to the public last April is shown on the right. It is very similar to Smart Tweezers in the way it is used.

LCR-Reader is about two times lighter previous models of Smart Tweezers and smaller in size. It has high contrast LED screen instead of the previously used LCD. It is also uses Li-Ion rechargeable battery with a USB connector and has basic accuracy better than 1% . A new simplified design includes the only control button that turns the device on and switches measurement mode by a push of the button between Automatic, Capacitance, Inductance, Resistance, and ESR. Test frequency is automatically adjusted according to the component type and value, and test signal amplitude is 0.5 Vrms.

An example of LCR-Reader measurement display is shown on a picture. Here AM indicates the measurement mode (Automatic Mode). Similarly to Smart Tweezers, LCR-Reader in addition to the the main impedance component L, C or R it will also show the parasitics. Here Rs indicates parasitic series resistance of the inductor, 10 kHz is the test frequency, L indicates that the component type is an inductor, 104.8 uH indicates the inductance value, and in the left bottom corner of the screen the battery charge level is shown.

The following ST-5 features are no longer available:
Parasitic offset subtraction

Sorting of component
Diode/Continuity/Open Circuit test

The latest news at presented at Smart Tweezers Blog.

Be the first to own LCR-Reader, call today to pre-order and get 20% discount. A detailed comparison of features of the LCR-Reader and previous models is presented in the Smart Tweezers Comparison Table.

Feature Summary:
Automatic LCR and ESR measurement
Typical accuracy better than 1%
Best range selection
Li-Ion battery with a micro-USB connector
30 gram weight

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 part of the local world-renowned high-tech community.
For more information: Siborg Systems Inc, 24 Combermere Crescent, Waterloo, Ontario N2L 5B1, Canada
Tel: 519-888-9906
Toll Free: 877-823-7576
Fax: 519-725-9522
Web: http://www.smarttweezers.ca

LCR-Reader: The Lightest LCR-meter

Simplicity, low cost and high accuracy make LCR-Reader the ultimate choice for Surface Mount Technology characterization needs

Contact Author

MICHAEL OBRECHT

Siborg Systems Inc.
519-888-9906
Email >
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LCR-Reader vs Smart Tweezers ST3, ST5 and ST5L
Feature Comparison of LCR-Reader and Previous Smart Tweezers Models

ST-5 Brochure
Brief description of Smart Tweezers ST-5

LCR-Reader Display
Details of measurement display of LCR-Reader akin to Smart Tweezers LCR-meter

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