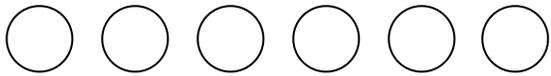


Siborg Presents LCR-Reader MPA at Nepcon Asia in Shenzhen

Share Article

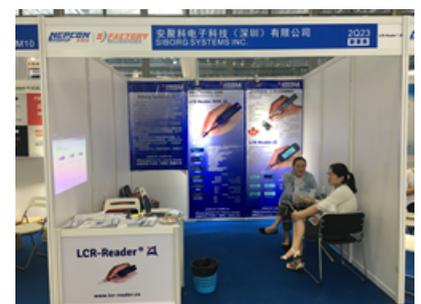


The Canadian company showed their newest member in the LCR-Reader family, the All-in-One Digital Multimeter LCR-Reader-MPA

WATERLOO, ONTARIO (PRWEB) AUGUST 03, 2020

LCR-Reader-MPA was introduced in 2019 as an affordable, multi-purpose Digital Multimeter. Since then, Siborg has attended events to display the device and provide a hands-on experience for customers. At Nepcon Asia in Shenzhen, Siborg drew attention while presenting the LCR-Reader-MPA; the devices' ability to quickly and accurately test components showed great enthusiasm. In that case Siborg partnered with a Chinese company based in Shenzhen, AI-ROX Polytronics, representing Siborg in China.

The **LCR-Reader-MPA** is a lightweight alternative to bench-type LCR/ESR meters. The MPA is able to determine the type of component and the best test parameters before measuring with a 0.1% basic accuracy. The device does most of the work; when in automatic mode, the MPA will do all the



LCR-Reader booth at Nepcon Asia

guesswork, and display only highly accurate measurement results on the OLED display, including any secondary values. Easy Short/Open calibration of the device significantly simplifies the removal of parasitic tweezer impedance.

Nepcon Asia in Shenzhen showed great interest in the device. Many manufacturers come to the show looking for new and exciting technology; many were enthusiastic about the ability to test unknown components with speed and accuracy. But most were excited about the large range of test options available on the device.

“There was definitely a buzz from the audience,” said Michael Obrecht, Director of [Siborg Systems Inc.](#), “people were excited about fast and accurate measurements; no set-up was also mentioned a lot. When we started presenting the device and mentioned that there would be a Bluetooth model in the future, people really got excited. Major manufacturing companies from Shenzhen were there and spoke highly of the ability to remotely record test measurements in real-time. This is a very practical ability for quality control.”

Features on [LCR-Reader-MPA](#):

- Test frequency 100, 120 Hz, 1, 10, 20, 30, 40, 50, 60, 75 and 100 kHz
- 0.1% Basic accuracy
- Manual and full automatic LCR, ESR, LED/Diode testing
- Easy Open/Short calibration and offset removal
- 3.2 Volt LED test voltage
- Test Signal Reduction to 0.1V for in-circuit measurements
- Test Signal levels of 0.1, 0.5 and 1 Vrms
- NIST Traceable Calibration Certificate
- Large and Super Large Capacitance testing to 640 mF
- Signal Generator with Sine wave up to 100 kHz
- Li-Poly battery with micro-USB charging
- 1 oz. weight
- Gold-plated test leads

LCR-Reader was introduced in 2014 as a budget alternative to other tweezer-multimeters with a 0.5% basic accuracy and the ability to change only the test mode. In 2017, Siborg released the LCR-Reader-MP as a device between [Smart Tweezers](#) meters and LCR-Reader; this model offered a 0.1% basic accuracy and more features, including an oscilloscope mode.

There are now three models of LCR-Reader-MPA: the base MPA model, the MPAL with lower range of test frequencies, and LCR-Reader-MPA BT with Bluetooth. The Bluetooth model can connect to PC and Android and automatically records measurement data remotely in real-time. Users are able to save the measurement results to a file or database. Profiles can also be set to automatically grant a pass/fail depending on the parameters set, if a component does not reach these parameters, it is granted a fail.

Siborg’s devices are available in their online [LCR-Reader Store](#), along with other test equipment and many accessories and parts. Some of the other test equipment available is the Kelvin Probe Connector kit that allows any LCR-Reader, MPA or [Smart Tweezers](#) device as a probe station. Siborg offers many of their products on their Amazon sales channels in Europe and North America.

Siborg visited Nepcon Asia to show their newest LCR-Reader-MPA device, an all-in-one multimeter with 0.1% basic accuracy, 100 kHz test frequency and wide range of features.