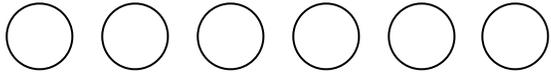


Siborg Systems Inc. Releases New LCR-Reader-MPA Task Kit That Includes NIST Traceable Calibration Certificate

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LCR-Reader-MPA Professional kit includes an All-in-One Digital Multimeter with 0.1% basic accuracy and traceable calibration certificate

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Siborg Systems Inc.'s [LCR-Reader-MPA](#) is the newest model in the LCR-Reader family of multimeters. The MPA has the highest basic accuracy of 0.1% and most test features in all of the LCR-Reader meter family, including LED/diode test, oscilloscope mode and large and super large capacitance testing. Siborg has recently begun offering a pre-bundled task kit that includes a device, traceable calibration certificate, and other accessories.

LCR-Reader-MPA gives users a wide range of test features and modes to choose from. Beside the automatic LCR/ESR measurements that are found on other LCR-Reader devices, MPA offers LED/diode testing, Large and Super Large capacitance measurements up to 640 mF, AC/DC voltage and current testing, three test signal levels, oscilloscope, signal generation, pulse counting, frequency and duty cycle measurements, short/continuity

testing and more. Another major feature is the wide range of test frequencies: 100, 120 Hz, 1, 10, 20, 30, 40, 50, 60, 75, and 100 kHz.

The **LCR-Reader-MPA Professional** task kit includes an MPA, NIST traceable calibration certificate, spare bent tweezer probes, LCR-Reader Kelvin Probe Connector kit, Offset Calibration Board, charging cable and manuals. The inclusion of a traceable calibration certificate is for professional users that require their test equipment is routinely calibrated to ensure accuracy. This new task kit is available in the secure.lcr-reader.com/catalog/ [LCR-Reader Store __title__] and through Siborg's Amazon sales channels.

Like **LCR-Reader**, MPA will automatically begin testing a component as soon as it is between the tweezers. The device automatically determines the type of component and the best test parameters before displaying all measurement values on the backlit LCD display. The screen will show the main impedance value and any secondary values including ESR, Q or D, the component type and test parameters used.

The lightweight design of MPA makes it an ultimately portable tool for on-field work; the device weighs only 1 oz. and is slightly larger than a pen making it nearly undetectable in a bag or pocket. The bright blue casing is easily spotted on cluttered desks and the backlit screen (available in grey or black) is easy to see even in dimly lit environments. MPA is controlled using a 4-way joystick-like button that allows users to change basic functions easily as well as enter the more extensive menus. The device has a 7 hour continuous use battery life and recharges its Li-Poly battery using micro-USB.

The oscilloscope on MPA is best used for testing voltage waveforms on active circuit boards using 100 kHz. This mode is also best used in conjunction with the included LCR-Reader Kelvin Probe Connector kit which turns any **LCR-Reader** or **Smart Tweezers** device into a low-frequency probe station and test waveforms at various nodes on a PCB.

LCR-Reader-MPA comes with the LCR-Reader Kelvin Probe Connector kit which turns any LCR-Reader or Smart Tweezers device into a low-frequency probe station and extends the reach of the probes. The kit is exceptionally useful when used in conjunction with MPA's oscilloscope mode. The kit has 5 attachments that expand the reach of the probes, allowing the device to measure larger components and test waveforms at various nodes on a PCB.

Features:

- Fully automatic and manual LCR, ESR, LED/Diode measurements
- 0.1% Basic accuracy
- Automatic and manual Test Frequency selection, (100, 120 Hz, 1, 10, 20, 30, 40, 50,60, 75 and 100 kHz
- AC/DC current measurements and voltage measurements up to 15 V
- Oscilloscope Transient Voltage up to 100 kHz
- Large and Super Large Capacitance measurements up to 1,000 mF
- Automatic Test Signal Reduction to 0.1V for in-circuit measurements
- Easy Open/Short calibration and offset removal
- Displays active and reactive impedance components
- Signal Generator with Sine wave up to 100 kHz
- 0.1, 0.5 and 1.0 Vrms Test Signal levels
- Handles components to a 0201 size (0.3 mm)
- Li-Po battery and micro-USB charging
- ~7 hours continuous use (without backlight)



LCR-Reader-MPA Professional

The LCR-Reader-MPA Professional finally bring NIST Traceable Calibration Certificates to MPA. The ability to track calibration is essential to professionals require their test equipment to be calibrated annually.

Backlit LCD display

Gold-plated test leads

NIST Traceable Calibration Certificate (included with LCR-Reader Pro Task Kit)

In the near future, Siborg will be releasing a Bluetooth enabled model of LCR-Reader-MPA that will be able to send and receive data from PCs, and remotely record measurement values in real time.

LCR-Reader-MPA Professional and other Digital Multimeters including Smart Tweezers are available now from [The LCR-Reader Store](#) and Siborg's Amazon sales channels in Canada, USA, and Europe.
