

# Universal Digital Multimeter / Oscilloscope

Ultimate PCB Troubleshooting Tool

## LCR-Reader<sup>®</sup>-MPA



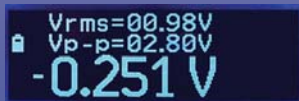
LCR and ESR Measurements



Oscilloscope Mode



Signal Generator



Voltage Measurements



Frequency Measurements



Current Measurements

### Summary of Features

- L-C-R-ESR and LED/Diode Measurements
- AC/DC Voltage/Current Measurements
- Frequency, Pulse Period, Duty Cycle Meter
- Oscilloscope, Signal Generator
- NIST Traceable Calibration Certificate
- Open/Short Calibration
- Component Sorting
- Super Cap Testing
- Optional Bluetooth Module

### Technical Specifications

Basic Accuracy	0.1%
Test Frequency	100 Hz - 100 kHz
Test Signal Level	0.1, 0.5, 1.0 Vrms

### Measurement Ranges

Resistance R:	5 mΩ to 20 MΩ
Capacitance C:	0.1 pF to 1 F
Inductance L:	1 nH to 100 H

### Physical Specifications

Size:	18 x 3 x 1.6 cm
Weight:	1.35 oz.
Battery:	3.7V LiPo



LCR-Reader Kelvin Probe Connector



Ergonomic Bent Tips

### Optional Bluetooth Enabled

- Bluetooth Low Energy connectivity
- Real Time data recording
- Microsoft Windows support

## Siborg Systems Inc.

24 Combermere Crescent, Waterloo, Ontario, Canada N2L 5B1  
 Phone: 1-519-888-9906 Fax: 1-519-725-9522