

Award Winning LCR-Reader Line of LCR-meters to be Presented at Productronica South China by AI-ROX Polytronics Ltd.

AI-ROX Polytronics and Sihui Fushi Electronic Technology Co. will be showing new LCR-meters at Productronica South China in Shenzhen, October 28 - 30 2021

SHENZHEN, GUANDONG, CHINA, October 26, 2021 /EINPresswire.com/ -- [AI-ROX Polytronics](http://www.fsqqualitypcb.com/) (Shenzhen) Co., Ltd. teams-up with Sihui Fushi Electronic Technology Co. Ltd. (<http://www.fsqqualitypcb.com/>) to present new SMD component characterization tools in China during South China Circuit Board International Trade and Procurement Fair which is part of Productronica South China that is held in Shenzhen, October 28 to 30, 2021.

AI-ROX Polytronics will be displaying products from Siborg Systems Inc. (Canada), including the popular multimeters [LCR-Reader](#) line, including the LCR-Reader MPA Product of the 2020 Award Winning multi testers.

LCR-Reader line of multimeters offer fully automatic component testing and identification. When a component is between the tweezers' gold-plated probes, LCR-Reader will automatically determine the type of component and best test parameters to use before displaying the high accuracy measurement values on the display.

AI-ROX Polytronics (Shenzhen) Co., Ltd. was established in 2018. The main goal of the company is development, manufacturing and marketing of electronic test equipment, in particular [LCR-meter](#) devices.

Sihui Fushi focuses on the production and sales of high-reliability printed circuit boards (PCBs)



LCR-Reader®MPA
All-in-One Multimeter

Up to 100 kHz test frequency
0.1% Basic accuracy

ESR=0.0045Ω
C_A 2860.2 μF
LCR/ESR

V_{rms}=00.98V
V_{p-p}=02.88V
-0.251 V
AC/DC Voltage

2020 Plant Engineering
PRODUCT of the YEAR
Bronze Award

Oscilloscope

0.010 A I_F=2.090mA
2.553 V
LED/Diode

FREQUENCY
11 283.060 Hz
Frequency

GENERATOR 1.0V
001 000.0
Signal Generator

LCR-Reader-MPA-BT
Bluetooth Data Acquisition Tool

Pass/Fail Component Assessment
Custom Component List
Custom Component Test Settings
Export Test Data to Excel
LCR-MPA-BT Data Logger Program
Android and PC Connectivity

A	1.0 Vrms	A	10 kHz	Z	14.42 Ω
R _A	8.3613 MΩ	D	0.0000	Q	5.0000
C _A	1.1034 nF	θ	99.9000		

Primary	Secondary	Mode	Frequency	Level	Test	Pass
R 0.9873 Ω		S	1 kHz	1.0 Vrms	FAIL	-1.2
C 1.1037 nF	R 8.3497 MΩ	P	10 kHz	1.0 Vrms	FAIL	0.31
C 1.1034 nF	R 7.9959 MΩ	P	10 kHz	1.0 Vrms	PASS	0.31

www.LCR-Reader.com

SIBORG SYSTEMS INC.

2020 Product of the Year Award Winner LCR-Reader-MPA Bluetooth: All-in-One Multimeter with Bluetooth Connection

for industrial control, automotive, transportation, power supply, medical treatment, and communications. Relying on Guangdong Enterprise Technology Center and Guangdong High Reliability Circuit Board Design and Manufacturing Engineering Technology Research Center, they have successively developed technology for multi-layer boards, HDI boards, metal substrates, rigid-flex boards, high-frequency high-speed boards and other products. It is a one stop shop for a variety of applications, from mass production to medium and small batches, to meet customer needs in an all-round way.

Visit Sihui Fushi Electronic Technology Co. Ltd. booth at South China Circuit Board International Trade and Procurement Fair, Booth 10E20 (<https://mp.weixin.qq.com/s/PFhIWci5J-Vh9yzeW2TRtA>).

Siborg Systems Inc is a Canadian private corporation established in 1994. Since 2003 it was in a few projects related to design and production of LCR-meter devices, starting with Smart Tweezers LCR-meter initiative.

Siborg released the LCR-Reader line in 2013, with the LCR-Reader R1 flagship device. This model offers basic LCR and ESR measurements. Users are able to select the test mode (auto, L, C, R, and ESR), and the device will decide the test frequency to use; all measurements are done using a 0.5% basic accuracy.

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AI-ROX Polytronics and Sihui Fushi Electronic Technology Co. Ltd will be presenting LCR-meters from Canadian Siborg Systems Inc at Productronica South China in Shenzhen, October 28 to 30, 2021”

Michael Obrecht

AI-Rox Polytronics will also be showing the 2020 Product of the Year Award Winner: LCR-Reader MPA, the most accurate and versatile device in the LCR-Reader line of multimeters. This multi-tester has the widest range of features and a 0.1% basic accuracy available, features include:

- Manual and automatic LCR, ESR, LED/Diode testing
- AC/DC Voltage/Current measurements
- Test frequencies: 100, 120 Hz, 1, 10, 20, 30, 40, 50, 60, 75

and 100 kHz

-Easy Open/Short calibration

-3 test signal levels, 0.1, 0.5 and 1 Vrms

LCR-Reader®-MPA
All-in-One Multimeter

L-C-R, AC/DC Voltage/Current
ESR, LED/Diode/Continuity Test
Oscilloscope
Frequency, Period, Duty Cycle
Signal Generator
Super Cap Testing up to 1 F

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

2020
PRODUCT
of the YEAR
Award Winner

Optional Bluetooth model for data logging and quick Pass/Fail component assessment

LCR-Reader®
Budget LCR Meter

Automatic L, C, R & ESR measurements
1 oz. weight
Automatic range selection
Manual mode selection
One button navigation
Bright OLED display
One-Handed use
Ideal for all components

Basic Accuracy 0.5%
Test Frequency: 100 Hz, 1, 10 kHz
Test Signal Level: 0.5 +/- 5% Vrms

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SIBORG
SYSTEMS INC

All-in-One Multimeter LCR-Reader-MPA and Budget LCR-Reader multimeter with automatic and manual LCR/ESR measurements

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