

# Handheld Digital LCR Meter

## APPA 700B Digital LCR Meter



### Features:

- 20000/2000 count dual digital display
- 46 segments Bar graph display
- **Auto Selection of LCR Testing**
- Auto Ranging
- Auto Backlit
- 0.2% basic accuracy Capacitance and Inductance
- Measurement Parameters: L, C, R, D, Q,  $\theta$ , EsR
- Testing Frequency: 100Hz/120Hz/**1KHz** selectable
- Parallel/Serial test mode
- Sorting mode for QC
- Data Hold
- Self Calibration
- External DC power operation
- Zeroing Mode
- Low Battery Indication
- Auto Power Off
- USB interface
- 2 Wires Easy Testing
- 5 Wires Accuracy Testing

### Specification:(All at 23°C±5°C < 80%RH)

**L:** Range: 2000.0  $\mu$ H ~ 20.000kH

Basic Accuracy: ±(0.20%+5d)

Resolution: 0.001  $\mu$ H

**C:** Range: 2000.0pF ~ 20.000mF

Basic Accuracy: ±(0.20%+5d)

Resolution: 0.001pF

**$\Omega$ :** Range: 20.000  $\Omega$  ~ 200.00M  $\Omega$

Basic Accuracy: ±(0.2%+5d)

Resolution: 0.001  $\Omega$

**Q:** Range: 2.000 to 2000

**D:** Range: 2.000 to 2000

**$\theta$ :** Range: +/ -90°

### APPA TECHNOLOGY CORP.

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**General Specification:**

**Operating Temperature:** 0°C ~ 50°C

**Storage Temperature:** -20°C ~ 60°C, ≤ 80% RH

**Temperature Coefficient:** 0.15 x (Spec. Accuracy)/°C,  
< 18°C, > 28°C

**Battery Life:** 80 hours typical (ALKALINE)

**Power Requirement:** AA size 1.5V x 4 batteries  
(NEDA 15A or IEC LR6)

**External Power Requirements :** DC 5V (USB or AC  
adapter)

**Dimensions:** 96mm(W) x 200mm(L) x 51.20mm(D)  
with holster

**Weight:** Approx. 630g with battery

**Specifications subject to change without notice**

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