

# 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.

9F, 119-1 Pao-Zong Rd., Shin-Tien

Taipei 231, Taiwan. R.O.C.

Tel:+886-2-29178820

Fax:+886-2-29170848

E-mail:info@appatech.com

<http://www.appatech.com>

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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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