

# High Precision LCR Meter

**NEW**



CE

## FEATURES

- \* Test Frequency: 12Hz ~ 200kHz, Continuously Variable Frequencies
- \* 0.05% Measurement Accuracy
- \* 100 Sets Memory for Save/Recall of Setup State
- \* R/Q, C/D, C/R, L/Q, Z/θ, L/R Test Modes
- \* Absolute Value, Δ Value, and Δ % Measurement Display
- \* 240 x 128 dot Matrix LCD Display
- \* Test Condition and Test Result Shown on the Screen Simultaneously
- \* Standard : RS-232C (Including LCR-Viewer Software)

## LCR-821 (12Hz~200kHz)

| SPECIFICATIONS         |                                                    |
|------------------------|----------------------------------------------------|
| TEST FREQUENCY         | 12Hz ~ 200kHz (504 steps)                          |
| BASIC ACCURACY         | 0.05% for basic accuracy                           |
| TEST SIGNAL LEVELS     | 5mV ~ 1.275V ( 5mV/step )                          |
| DC BIAS                |                                                    |
| Internal               | 2V                                                 |
| External               | 0 ~ 35V                                            |
| DISPLAY RANGE          |                                                    |
| Resistance             | R 0.00001Ω ~ 99999kΩ                               |
| Capacitance            | C 0.00001pF ~ 99999μF                              |
| Inductance             | L 0.00001mH ~ 99999H                               |
| Quality Factor         | Q 0.0001 ~ 9999                                    |
| Dissipation Factor     | D 0.0001 ~ 9999                                    |
| Impedance              | Z  0.00001Ω ~ 99999kΩ                              |
| Phase Angle ( Degree ) | θ -180.00° ~ 180.00°                               |
| TEST MODE              | R/Q, C/D, C/R, L/Q, Z/θ, L/R                       |
| EQUIVALENT CIRCUIT     | Parallel or Serial selectable                      |
| MEMORY                 | 100 memory blocks totally                          |
| AVERAGE                | 1 to 255 times                                     |
| TEST SPEED MODE        | SLOW, MEDIUM and FAST                              |
| DISPLAY MODE           | Value, Δ, Δ %                                      |
| DISPLAY                | 240x128 dot matrix C.C.F.L back light LCD          |
| INTERFACE (STANDARD)   | RS-232C                                            |
| AC POWER SOURCE        | 100V ~ 240V                                        |
| LINE FREQUENCY         | 50/60Hz                                            |
| OPERATION TEMPERATURE  | 10°C ~ 50°C                                        |
| STORAGE TEMPERATURE    | -20°C ~ 60°C                                       |
| ACCESSORIES            | Instruction manual x 1, Power cord x1, LCR-06A x 1 |
| DIMENSIONS & WEIGHT    | 330 (W) x 149 (H) x 437 (D)mm, Approx. 5.5kg       |

## ORDERING INFORMATION

**LCR-821** 200kHz High Precision LCR Meter

### Option

- Opt.1** Test Lead LCR-05 Axial & Radial Test Lead
- Opt.2** Test Lead LCR-07 Two-Wire With Alligator Clips
- Opt.3** Test Lead LCR-08 SMD/Chip Tweezers
- Opt.4** Test Lead LCR-09 SMD/Chip Test Fixture