



LCR-814

SPECIFICATIONS	
CAPACITANCE	
Range	200pF, 2nF, 20nF, 200nF, 2μF, 20μF, 200μF, 2mF, 20mF in 9 ranges
Accuracy	200pF ~ 200μF ± (1% rdg + 2 digits) 2mF ~ 20mF ± (2% rdg + 10 digits)
Dissipation Factor	Range 0 ~ 1.999 Accuracy $2nF \leq Cx \leq 2\mu F \pm (1\% + 10 + 2000/Cx)$ $2\mu F \leq Cx \leq 2mF \pm (1\% + 20 + 2000/Cx)$ 200pF, 20mF no specified
INDUTANCE	
Range	200 μH, 2mH, 20mH, 200mH, 2H, 20H, 200H in 7 ranges
Accuracy	200μH, 2H ~ 20H ± (2%rdg + 2 digits) 2mH ~ 200mH ± (1%rdg + 2 digits) 200H ± (3%rdg + 2 digits)
Dissipation Factor	Range 0 ~ 1.999 Accuracy $Lx \pm 200mH \pm (1\% + 10 + 2000/Lx)$ 200mH ~ 200H ± (2% + 20 + 2000/Lx)
RESISTANCE	
Range	2Ω, 20Ω, 200Ω, 2kΩ, 20kΩ, 200kΩ, 2MΩ, 20MΩ in 8 ranges
Accuracy	$2\Omega \pm (1\% \text{ rdg} + 5 \text{ digits})$ $20\Omega \sim 200k\Omega \pm (1\% \text{ rdg} + 2 \text{ digits})$ $2M\Omega \sim 20M\Omega \pm (2\% \text{ rdg} + 2 \text{ digits})$

FEATURES

- * 3 Functions LCR Measurement
- * 1% Basic Accuracy
- * High Resolution 0.1 μH, 0.1pF and 1mΩ
- * Dissipation Factor Measurement
- * Zero Adjustment
- * Optional Accessory : TL-06 for SMD Type Component

OTHERS	
Low Battery Warning	Show " LO BAT" when the 5% of battery life remained
Current Consumption	10mA
Temperature	Operation 0°C ~ 40°C, Storage -20°C ~ 70°C
DISPLAY	
0.5" digital height, 3 1/2 digits LCD	
POWER SOURCE	
Single 9V 006P battery	
ACCESSORIES	
Instruction manual x 1, Test lead	
DIMENSIONS & WEIGHT	
88(W) x 40(H) x 177(D) mm; Approx. 400g	

ORDERING INFORMATION

LCR-814	Hand Held LCR Meter
Option	
Opt.01	TL-06 SMD Type Measuring Clip



GLP-1A (Logic Probe & Pulser)

FEATURES

- * Combining a Logic Probe and Pulser in One Probe for Troubleshooting Digital Circuits
- * Operating Voltage: 4VDC~18VDC
- * Maximum Input Signal Frequency 50MHz
- * TTL: Logic "1" > 3.0V ± 0.25V, Logic "0" < 0.75V ± 0.25V
- * CMOS: Logic "1" > 60%VCC ± 5%, Logic "0" < 15% VCC ± 5%
- * Minimum Detectable Pulse Width 10nsec
- * Pulser: Sync input impedance 120kΩ
- * Pulse Repetition rate: Switchable 0.5/400Hz
- * Pulse width: 10 μsec
- * Dimensions & Weight: 18(W)x210(H)x18(D)mm, Approx. 50g

ORDERING INFORMATION

GLP-1A	Logic Probe & Pulser
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GPG-2A (Logic Pulser)

FEATURES

- * A very Effective Tool for Troubleshooting or Testing Logic Circuits
- * Directly Inject a Signal into Logic Circuits Without Removing Components
- * Has a Sync Input for Producing Externally Synced Signals
- * Operating Voltage Range: 5 ~ 15VDC
- * Maximum input Probe Voltage: ± 35VDC
- * Maximum sync input Voltage: ± 120V/30sec
- * Sync Input Impedance: 1MΩ
- * Pulse Repetition rate: 0.5/400Hz
- * Output Current: Pulser Mode, 100mA Sink/Source
- * Square Wave, 5mA Sink/Source
- * Dimensions & Weight: 18(W)x210(H)x18(D)mm; Approx. 40g

ORDERING INFORMATION

GPG-2A	Logic Pulser
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