



LCR-814

Enclosed within a sturdy shell, LCR-814 Hand Held LCR meter is a reliable and easy-to-use workhorse for quick capacitance, inductance, and resistance measurement. Large 0.5", 3 1/2 digits display guarantees clear view in typical yet less than perfect conditions, such as field services. But convenience is not the only virtue with 0.1 μ H/0.1pF/1m Ω high resolution, dissipation factor measurement, and zero adjustment for removing lead impedance, the precision of LCR-814 almost replicates that in true in-circuit measurements.

LCR-814

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

TL-06 SMD Type Measuring Clip



SPECIFICATIONS	
CAPACITANCE	
Range	200pF, 2nF, 20nF, 200nF, 2 μ F, 20 μ F, 200 μ F, 2mF, 20mF in 9 ranges
Accuracy	200pF ~ 200 μ F \pm (1% rdg + 2 digits); 2mF ~ 20mF \pm (2% rdg + 10 digits)
Dissipation Factor	Range 0 ~ 1.999
Accuracy	2nF \leq Cx \leq 2 μ F \pm (1%+10+2000/Cx), 2 μ F \leq Cx \leq 2mF \pm (2%+20+2000/Cx) 200pF, 20mF no specified
INDUCTANCE	
Range	200 μ H, 2mH, 20mH, 200mH, 2H, 20H, 200H in 7 ranges
Accuracy	200 μ H, 2H ~ 20H \pm (2%rdg + 2 digits); 2mH ~ 200mH \pm (1%rdg + 2 digits) 200H \pm (3%rdg + 2 digits)
Dissipation Factor	Range 0 ~ 1.999
Accuracy	Lx < 200mH \pm (1% + 10 + 2000/Lx); 200mH ~ 200H \pm (2% + 20 + 2000/Lx)
RESISTANCE	
Range	2 , 20 , 200 , 2k , 20k , 200k , 2M , 20M in 8 ranges
Accuracy	2 \pm (1% rdg+5 digits); 20 ~ 200k \pm (1%rdg+2 digits); 2M ~ 20M \pm (2% rdg + 2 digits)
OTHERS	
Low Battery Warning	Show " LO BAT" when the 5% of battery life remained
Current Consumption	10mA
Temperature	Operation 0 $^{\circ}$ C ~ 40 $^{\circ}$ C, Storage -20 $^{\circ}$ C ~ 70 $^{\circ}$ C
DISPLAY	
0.5", 3 1/2 digits LCD	
POWER SOURCE	
Single 9V 006P battery	
DIMENSIONS & WEIGHT	
88(W) x 40(H) x 177(D) mm; Approx. 400g	

ORDERING INFORMATION

LCR-814 Hand Held LCR Meter

ACCESSORIES :

User manual x 1, Test lead

Optional Accessories

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