LCR METER
Model : LCR-9073

FEATURE

* Professional LCR meter, used the exclusive microprocessor circuit, intelligent function, high quality.
* Wide range measurement for Inductance, Capacitance and Resistance measurement.
* Each range is calibrated & adjusted by the internal EPROM, high accuracy.
* Data hold function to hold the desired value on display.
* Super large LCD with unit display, easy readout.
* Built-in low battery indicator.
* Memory function to record the maximum & minimum reading with recall.
* " % SET " function, for checking the accuracy value of the individual components easily.
* Zero button, can deduct the stray impedance of the test lead.
* Continuity beeper for resistance 200 ohm range.
* RS232 computer interface.
* Optional software for data record & data acquisition.

GENERAL SPECIFICATION

Display	67 mm x 27 mm large LCD display. 18 mm x 7.5 mm, digit size.
Measurement	*Inductance (L) :* 5 ranges : 2 mH to 20 H. *Capacitance (C) :* 7 ranges : 2 nF to 1000 uF. *Resistance (R) :* 6 ranges : 200 ohm to 20 M ohm. *Continuity beeper* *Diode test*
Circuit	Custom one-chip of microprocessor LSI circuit.
Calibration	Each range is calibrated by internal EPROM circuit, high accuracy.
Data hold	To freeze the display reading on the LCD display.
Memory Recall	Records Maximum & Minimum readings with recall.
Zero button	Zero button is used to deduct the stray impedance value of test lead.
% SET (accuracy checking)	0.1 %, 0.25%, 0.5%, 1%, 5%, 10 %, 20%, 30% accuracy value warning setting.
Sampling Time	Approx. 0.5 sec.
Data Output	RS 232 PC serial interface.
Operating Temperature	0℃ to 50℃ (32℉ to 122℉).
Operating Humidity	Less than 80% RH.
Power Supply	Alkaline or heavy duty type DC 9V battery, 006P, MN1604 (PP3) or equivalent.
Power Consumption	Approx. 9 mA (buzzer Off) Approx. 11 mA (buzzer On)
Weight	340 g/0.75 LB.
Dimension	204 x 90 x 36 mm (8.0 x 3.5 x 1.4 inch
Accessories Included	Instruction manual.
Optional Accessories	Software (Windows version, data record & data acquisition)..... SW-U801-WIN RS232 cable. UPCB-02

▶▶▌

ELECTRICAL SPECIFICATIONS (23± 5 ℃)

L (Inductance)	20 H x 0.01 H, 2 H x 0.001 H, 200 mH x 0.1 mH,20 mH x 10 uH, 2 mH x 1 uH
C (Capacitance)	2 nF x 1 pF, 20 nF x 10 pF, 200 nF x 100 pF, 2 uF x 0.001 uF, 20 uF x 0.01 uF, 200 uF x 0.1 uF, 1000 uF x 1 uF.
R (resistance)	20 M x 10 K ohm, 2 M x 1 K ohm, 200 K x 100 ohm,20 K x 10 ohm, 2 K x 1 ohm, 200 x 0.1 ohm .
Continuity beeper	For the 200 ohm range, if the measurement value less than 10 ohm, the beeper will sound. It is the useful function for the continuity check.
Diode test	Short/non conductance, good/defect test.
Data hold	To freeze the display reading on the LCD display.
Memory	Records Maximum & Minimum readings with recall.
Zero Adjustment	Zero button on the front panel, it can deduct any test lead stray impedance.
Component accuracy checking, % SET	If the component (L, C, R) accuracy value are within the specification, the beeper will sound.
RS-232 interface	Isolated (photo couple) RS-232 serial data output, 9600 baud rate. If the LCR meter combine the computer & apply the optional software (Model : SWU-801-WIN, available for WIN95/WIN98), whole system will be the useful data logger, data recorder. The computerscreen will show text display, analog display, chart display. It also build in the high & low limit,data query, data report & chart report...

* Appearance and specifications listed in this brochure are subject to change without notice.

LCR-9073+0408

www.YaLAB.com.tw   02-2389-0101