

Digital LCRZ Meter (VLCRZ)

VASAVI

Pioneer In Test Automation



Brief Introduction :

Specially designed for manufacturers and users of Electronics Components like Coils / Inductors / Resistors / Capacitors.

Test Parameters :

Inductance, Capacitance, DC Resistance, AC Resistance and Impedance. And, simultaneously it can also measure Tan Delta, Quality Factor, Dissipation Factor and E.S.R.

Specification :

Measurement Step Frequency	50Hz, 100Hz, 500Hz, 1KHz, 5KHz and 10KHz
Measurement Step Voltage	0.1V ~ 1.0V RMS (Step of 50mV)
Measurement Mode	Series / Parallel
Display	0.5" LED Two displays. One for Value (4-Digit) with Units (2-Digits) and Other (4-Digit) for Q.F / D.F / ESR / TanD.
Range	Auto / Range Hold Facility
Inductance (L) Range	0.1uH ~ 200H
Inductance (L) Accuracy	$\pm 0.2\% \pm 1$ dgt @ 1KHz ; $\pm 0.5\% \pm 1$ dgt @ Other Frequency
Capacitance (C) Range	0.1pF ~ 2000uF
Capacitance (C) Accuracy	$\pm 0.2\% \pm 1$ dgt @ 1KHz ; $\pm 0.5\% \pm 1$ dgt @ Other Frequency
AC Resistance (Rac) & Impedance (Z) Range	0.01 Ohm ~ 200KOhm
AC Resistance (Rac) & Impedance (Z) Accuracy	$\pm 0.2\% \pm 1$ dgt @ 1KHz ; $\pm 0.5\% \pm 1$ dgt @ Other Frequency
DC Resistance (Rdc) Range	0.01 Ohm ~ 20K Ohm
DC Resistance (Rdc) Accuracy	$\pm 0.5\% \pm 1$ dgt
Tan Delta Range	0.0001 ~ 9.999
Tan Delta Accuracy	$\pm 0.0002 \pm 1\%$ @ 1KHz ; $\pm 0.001 \pm 2\%$ @ Other Frequency
Quality Factor Range (Q.F)	0.001 ~ 999
Quality Factor Accuracy (Q.F)	$\pm 2\% \pm 0.1Q$ @ 1KHz ; $\pm 5\% \pm 0.5Q$ @ Other Frequency
Power Rating	110V AC ~ 240V AC ; 45Hz ~ 65Hz

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