COMPUTERIZED LCRTZ TEST SYSTEM (CVCT - S8)
Automatic Transformer Tester

VASAVI
Pioneer In Test Automation

NEW

Brief Introduction :

Computer controlled Automatic Transformer Tester. Ideal for fast and fool proof testing of COILS AND SMALL TRANSFORMERS like SMPS transformers, Telecom transformers (HYBRID, POT CORE, RM-CORE), Pulse transformers etc. The system scans at one stroke, all the windings of a transformer and tests as per definition of test procedure. The test procedure can be pre-programmed and stored under **User friendly menu driven software**. Can Select test frequency, pin number, parameters, test conditions, limits for each test. **Test any pin to any other pin any defined parameter. CVCT-S8 has inbuilt 8 channel scanner.**
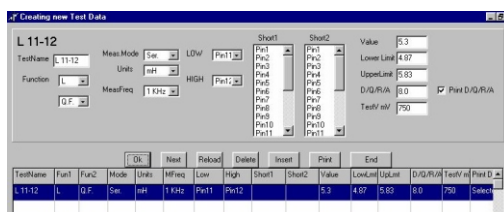
Test Parameters : Inductance, Capacitance, DC Resistance, AC Resistance, Impedance, Transformation Ratio, Winding Polarity.

PC Control Software :

The instrument is controlled through external PC through RS232C port. The system stores the test results to database tables. The system software works on Windows platform (Windows XP)

View & Print Test Results (Database) :

All the test results will be transferred to a database files with connected file name. The database table is compatible to fox-pro table. You can import these files to other softwares for creating graphs and other analysis.

Specification :

L	: 0.1 uH ~ 100H	($\pm$0.2%$\pm$1dgt @1KHZ, $\pm$0.5%$\pm$1dgt @ Other Freq.)
Rac	: 0.01 Ohm ~ 200Kohm	($\pm$0.2%$\pm$1dgt @ 1KHZ, $\pm$0.5%$\pm$1dgt @ Other Freq.)
Rdc	: 0.01 Ohm ~ 20Kohm	($\pm$0.5%$\pm$1dgt)
Z	: 0.01 Ohm ~ 200Kohm	($\pm$0.2%$\pm$1dgt @ 1KHZ, $\pm$0.5%$\pm$1dgt @ Other Freq.)
C	: 1pf - 200Ufd	($\pm$0.2%$\pm$1dgt @ 1KHZ, $\pm$0.5%$\pm$1dgt @ Other Freq.)
TR	: 1 ~ 1000T (RATIO)	($\pm$0.2%$\pm$0.1T @ 1KHZ, $\pm$0.5%$\pm$0.2T @ Other Freq.)
D.F.	: 0.0001 ~ 9.999	($\pm$0.0002$\pm$1%rdg @ 1KHZ, $\pm$0.001$\pm$2%rdg @ Other Freq.)
Q.F.	: 0.001 ~ 999	($\pm$2%$\pm$0.1Q @ 1KHZ, $\pm$5%$\pm$0.5Q@ Other Freq. Q<100.0)
CU	: C>10nF	($\pm$0.1%rdg $\pm$0.1% of C)
RU	: R>10 Ohm	($\pm$0.1%rdg $\pm$0.1% of R)
ZU	: Z>10 Ohm	($\pm$0.1%rdg $\pm$0.1% of Z)

Power Supply : 99Vac ~ 242Vac ; 47.5Hz ~ 63Hz