

# COMPUTERIZED LCRTZ TEST SYSTEM (CVCT - S8 )

## Automatic Transformer Tester

**VASAVI**

Pioneer In Test Automation



### 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.**

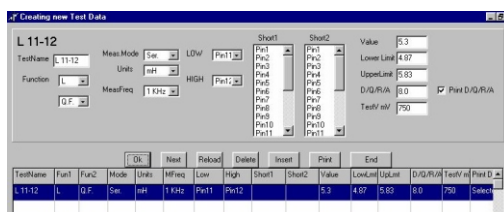
**Test Parameters :** Inductance, Capacitance, DC Resistance, AC Resistance, Impedance, Transformation Ratio, Winding Polarity.

### 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.



S.L.No	TestName	MeasVal	DQPR	LowLimit	HigLimit
1	Rac 1-2	10.029k	9.9	10.1	
2	Rac 2-1	10.029k	9.9	10.1	
3	Rac 2-3	100.03k	99.0	101.0	
4	Rac 3-4	1.0019k	0.99	1.01	
5	Rac 4-5	10.029k	9.9	10.1	
6	Rac 5-6	10.022k	9.9	10.1	
7	Rac 6-7	100.44k	99.0	101.0	
8	Rac 7-8	1.0013k	0.99	1.01	
9	Rac 8-9	9.997k	9.9	10.1	
10	Rac 9-10	10.012k	9.9	10.1	
11	Rac 10-11	100.03k	99.0	101.0	
12	Rac 11-12	1.0014k	0.99	1.01	
13	Rac 12-13	10.040k	9.9	10.1	
14	Rac 13-14	10.011k	9.9	10.1	
15	Rac 14-15	100.00k	99.0	101.0	
16	Rac 15-16	1.0014k	0.99	1.01	
17	Rac 16-17	9.999k	9.9	10.1	
18	Rac 17-18	10.016k	9.9	10.1	
19	Rac 18-19	100.01k	99.0	101.0	
20	Rac 19-20	1.0014k	0.99	1.01	
21	Rac 20-19	1.0012k	0.99	1.01	

TEST OVER REPLACE COMPONENT AND Press/Click START TEST

### Specification :

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

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

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