

Specifications of LCR METER

Sl. NO	SPECIFICATIONS	Parameters	Complied/Not Complied	Ref Page No,
1	Test frequency range	4Hz to 5MHz		
2	Measurement accuracy	Less than or equal to 0.1%		
3	Data logging option	USB or internal		
4	Remote PC connectivity	USB or LAN or RS232		
5	Measurement parameters	L,C,Z,R,X,DCR,Y,B,G,D,Q, θ		
6	Measurement conditions	Equivalent series and parallel modes		
7	Product configuration	Benchtop		
8	List sweep/Continuous mode measurement	Programmable (hardware or software) with atleast 20 points		
9	Test signal	Voltage range: Atleast 10mV to 5Vrms		
		Current range: Atleast 100 μ A to 100mA		
		DC Bias voltage level: \pm 40V		
10	Display range	Atleast 6 digits		
11	Software	Application software to collect and store data		
12	Others	Kelvin test lead attachment		
13	Cable and connectors, calibration certification	AC powercord, communication cable, calibration certificate		
Other Terms and Conditions:				
1.	The equipment must have One Year warranty.			
2.	The Quote must also include installation and delivery at IIT Madras.			
3.	All necessary manuals, perpetual license of software (necessary for operation and maintenance) must be provided. Software Key must be provided for installation at other systems, in case of fault in the supplied system or software reinstallation situations.			
4.	The Quote must also include installation and delivery at IIT Madras.			