



7600 Plus Precision LCR Meter compared to Agilent E4980

7600 Precision LCR Meter

- 2MHz LCR Meter
- 0.05% Accuracy
- Excellent for characterizing frequency response of devices using sweep
- Good High Impedance Measurements < 1pF
- Can be combined with Dielectric Cells for Dielectric Constant and Dissipation Factor Measurements

	IET Labs 7600 Plus Precision LCR Meter	Agilent E4980
		
Measurement Parameters		
Measurement Parameters	14 Measurement Parameters	19 Measurement Parameters
Measurement Display	Graphical High Resolution Blue	Graphical Monochrome
DCR	No	Yes
Measurement Accuracy (Basic)	0.05%	0.05%
Turns Ratio	No	No
Measurement Speed	120 Meas/sec	178 Meas/sec
Basic Meas. Conditions		
Measurement Frequency	10Hz – 2MHz	20Hz – 2MHz
Frequency Points/Resolution	5 Digits, 100Hz steps above 1MHz.	4 Digits. 1kHz steps above 1MHz.
Test Signal Level (voltage)	10mV – 5V AC RMS	100uV to 2V AC RMS Option for 20V AC RMS
Test Signal Level (current)	250uA – 100mA	1uA to 20mA
Advanced Meas. Capability		
List/Sweep Capability	25,50,100 or 200 Points Table/Graphical	Table 201 points
Output Impedance	25,374,6.4k or 100kohms	100 Ohms Fixed
Other Functions		
GPIB	Optional	Standard
RS232	Standard	No
USB	USB Host Port	USB and USB Host Port
Ethernet	No	Standard
Handler	Standard	Optional
Printer	Standard	Standard
Memory Locations	Unlimited	10
Bias Voltage	2V Fixed / +/-200V External	0V - 2V Adjustable +/-40V Adjustable Option
Bias Current	No	Optional
Windows Software	Free	No

