

Products



LCR METER

6375/6376/6377
6373/6374

Key Features

- 0.1% Basic Accuracy
- Up to 1MHz Frequency
- 5 Digits Frequency Step Resolution
- Comprehensive Measurement Functions
- DC Resistan Measurement
- GPIB and RS-232 Interface
- Multi-Step Mode
- Graph Mode (Option)

Comprehensive measurement functions

Providing all the well-known measurement parameters : Impedance | Z | 、 Admittance | Y | 、 Phase Angle (θ) 、 Reactance (X) 、 Conductance (G) 、 Susceptance (B) 、 Inductance (L) 、 Capacitance (C) 、 Quality Factor (Q) 、 Dissipation Factor (D) 、 Resistance (DCR)

Continuous frequency range from 20Hz to 1MHz

Providing a continuous variable frequency from 20Hz to 1MHz, 5 digits resolution, testing all components at the desired test frequency, allowing a component to be test at a actual operating frequency.

Multi step

Tuning voltage, frequency, and testing parameters arbitrarily, making complicated testing become easier.

Fast ! Accurate ! Stable !

Testing components is easy with 6375 Series LCR Meter. Just connect the component and the meter accurately measures the component, displaying selected primary and secondary value with a basic accuracy of 0.1%.



6373/6374/6375/6376/6377 LCR METER

Measurement Item		
Measurement parameters		
Z , Y , θ , R , X , G , B , L , C , Q , D , ESR , DCR measurement Circuit : Series/Parallel		
Mathematical Functions		
absolute/percent deviation		
Test Signal Information		
Test Frequency		
6373	20Hz ~ 20kHz	
6374	20Hz ~ 100kHz	
6375	20Hz ~ 200kHz	
6376	20Hz ~ 500kHz	
6377	20Hz ~ 1MHz	
Frequency Step Resolutin	5 Digits	
Frequency Accuracy	±0.01%	
Output Impedance	100Ω	
Test Levels	10mV 至 2Vrms (1mVrms steps)	
Signal Measurement Range		
Z R X	0.1mΩ ~ 100MΩ	
y G B	10nS ~ 1000S	
C	0.01pF ~ >1F	
L	0.01nH ~ 100KH	
D	0.00001 ~ 9.9999	
Q	0.1 ~ 9999.9	
θ	-180° ~ +180°	
DCR	0.1mΩ ~ 100MΩ	
Δ%	-999.99% ~ 999.99%	
Basic Accuracy		
±0.1% Z , R , X , Y , G , B , C , L		
Measurement Time		
	DC	AC
Max :	30 ms	75 ms
Fast :	60 ms	150 ms
Medium :	120 ms	450 ms
Slow :	500 ms	600 ms

LCD Display		
320x240 Graphic Display		
Correction		
Zero OPEN / SHORT : Eliminates measurement error due to stray parasitic impedances in the test fixtures		
Comparator Fuction		
High/Pass/Low For each primary measurement parameter and secondary measurement parameter		
Other Functions		
Save/Recall		
64 Multi-step files can be saved/recalled from the internal nonvolatile memory		
Continous Memory Capability		
If the instrument is turned off, or if a power failure occurs, instrument setting are automatically memorized		
Interface		
RS-232, GPIB, Handler (option)		
General Specifications		
Power Requirement		
Input Voltage	90 ~ 132Vac or 198 ~ 264Vac(selectable)	
Frequency	47 ~ 66Hz	
Test Environmen		
Operation Temperature	10°C to 40°C	
Operation Humidity	<95% at 40°C	
Size and Weight		
	6375/6376/6377	6373/6374
Height	150 mm	100 mm
Width	340 mm	340 mm
Depth	460 mm	330 mm
Weight	6.5 Kg	

Specifications are subject to change without any prior notice!! All products and company named used herein are for identification only. All (registered) trademarks are alright of their respective owners.