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Component
Tester

LCR Meter 6375/6376



Key Feature

- Basic accuracy up to 0.1%
- Synchronous tests with multiple parameter settings
- Measurement of wide range of functions: Freq. to 5 Digits
- Collocating DC Bias to progressing current scanning analysis
- Fixture design capabilities, Specific customized services for clients
- LCR Meters are all compatible with convenient and efficient Meter Link Software

Accessory

Standard

- Power Cord
- User Manual CD
- F423501

Optional

- Meter Link Software
- RS-232 Cable
- Handler Box
- F423905
- F423503

Measuring Range

IZI, R, X	0.1mΩ - 100MΩ	Q	0.1 - 9999.9
IYI, G, B	10nS - 1000S	DCR	0.1mΩ - 100MΩ
Cs Cp	0.01pF - >1F	Δ%	-999.99% - 999.99%
Ls Lp	0.01nH - 100kH	θ	-180° - + 180°
D	0.00001 - 9.9999		

Specification

Operating Frequency	6375	20Hz - 200kHz	
	6376	20Hz - 500kHz	
Point of Frequency	Continuity	Basic Accuracy	± 0.1%
AC Drive Level	10mV-2Vrms (1mVrms steps)		
DC Drive Level	0.01V-2V		
Output Impedance	100Ω		
Frequency Resolution	5 Digits, ± 0.01%		
AC test speed	75mS	DC test speed	20mS
Bias Voltage	2V		

General

Equivalent Circuit	Series / Parallel		
Test Range	Automatic / Lock		
Mathematical Mode	Absolute / Percentage		
Indicator	Pass / Fail / Bias LED / Built-in speaker		
Output Terminal	BNC Connector		
Calibration	Open Circuit / Short Circuit: Avoid the misreading caused by the stray capacitance from kelvin clips and fixtures		
Auto-save function	When the power is turned off or encounter a power outage, all the data will be saved automatically and recovered when tester system is switched on again		
Safety	EN61010-1		
Power Supply	Voltage	90-132Vac or 198-264Vac (selectable)	
	Frequency	47-63Hz	
Display	320*240 dot-matrix display		
Interface	RS-232 、 GPIB (option) 、 Handler (option)		
Flash Memory	64 groups of Multi-steps setting (Each group contains up to 30 steps)		
Operation	Auto 、 Manual 、 RS-232 、 GPIB (option) 、 Handler (option)		
Environment	Temperature : 10 ~ 40°C 、 Humidity : 20 ~ 90%RH		
Dimension (W*H*D)	337x145x522 mm	Weight	6.5 Kg