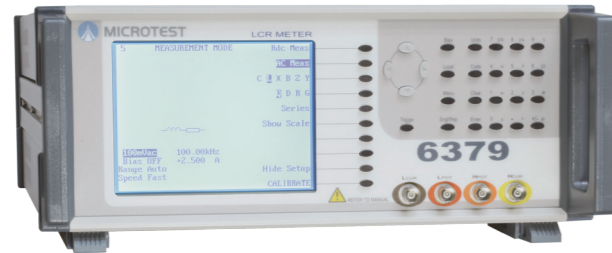


1
Component Tester

Impedance Analyzer

6377/6378/6379



Key Feature

- Basic accuracy up to 0.1%
- Synchronous tests with multiple parameter settings
- Graphic scanning analysis function
- 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

Accessory

Standard

- Power Cord
- User Manual CD
- BNC Kelvin Clips (F423901)

Optional

- Meter Link Software
- RS-232 Cable
- Handler Box
- SMD Fixture (F423905)
- DIP Fixture (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	6377	20Hz - 1MHz	
	6378	20Hz - 5MHz	
	6379	20Hz - 10MHz	
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 (Max.)	75mS	DC test speed (Max.)	30mS
AC test speed (Fast)	150mS	DC test speed (Fast)t	60mS
AC test speed (Medium)	300mS	DC test speed (Medium)	120mS
AC test speed (Slow)	600mS	DC est speed (Slow)	500mS
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%		
Dimension (W*H*D)	337x145x522 mm	Weight	6.5 Kg