

7
PCB Testing
Equipment

High Precision / Low Impedance 4-wire PCB/FPCB Tester

9330/9330S



Key Feature

The main feature of MICROTEST 9930 is the resistance of the PC board copper wiring is enable to do the general examination and precision measurement simultaneously. Meanwhile, the minimum resistance can be measured to 1mΩ.

The mechanical structure with double cylinder press to increase the stability of the testing. The existing applied industry is the high-tech 3C products. For instance, the smart phones and the wearable electronics need fine quality testing of PCB or FPCB, and the high security requirements of PCB of the central instrument control panels and the various sensible parts of the cars requires a lot of high precise testing equipment.

Specification

Model	9330	9330S
Test Point	2048 Pins (Max. 4096 Pins)	4096 Pins (Max. 8192 Pins)
4-Wire Continuity test	1mΩ - 50Ω, ±1%±2mΩ	
2-Wire Continuity test	1Ω - 100Ω, ±5% 100Ω - 100kΩ, ±2% 100KΩ - 1MΩ, ±5%	
Insulation Test	1MΩ - 20MΩ, ±1MΩ 20MΩ - 50MΩ, ±10% 50MΩ - 100MΩ, ±20%	
Continuity Test Current	0.15mA - 150mA	
Insulation Test Low Voltage	100mV - 10VDC	
Insulation Test Voltage	50V - 300V	
Continuity Test Time	800 Points / Sec. Approx.	
Insulation Test Time	4,000 Dummy Points / Sec.	
Netlist Input Method	1. Auto Learn 2. File Download	
OS Requirement	Windows XP Dual Core 2.7G above	
Storage Devices	500GB HDD, 3.5"FDD	
Display	19" LCD Monitor	
Printer	Epson M188B Comparable	
Power Supply	AC220V±10% / 5A 1100W	
Air Supply	5 - 8Kg / cm ²	
Test Area Size (W*D)	500x450 mm	900x600 mm
Cylinder Distance	250 mm	
Pillar	ø25 mm	ø50 mm
Dimension (D*W*H)	830x780x1350 mm	1200x1000x2000 mm
Weight	300 Kg	750 Kg
Environment	Temperature	10 ~ 40°C
	Humidity	Less than 50% relative

PCB Testing Equipment