



Brief Introduction

JK2683B insulation resistance tester is a measuring instrument for measuring the insulation performance of electronic components, dielectric materials, equipment, wires and cables.

The instrument is controlled by a single-chip microprocessor, which is easy to operate and has complete functions. It has the characteristics of wide measuring voltage range and fast speed. The instrument uses a 24-bit 4.3-inch color LCD screen with touch function, simple operation, fast test speed, and can intuitively display the output voltage, measurement range resistance, insulation resistance of the measured object and other parameters. The instrument has functions such as automatic range lock, sorting output and external trigger input interface, making the test more direct, convenient and reliable. This machine has a USB interface and RJ45 interface, the panel function can be completely controlled by the computer, the test results can also be sent back to the computer through the USB interface or RJ45 interface for storage, or the data can be directly stored in a U disk.

Performance characteristics

- Display adopts 4.3 high resolution TFT screen display, easy to operate
- The test high voltage source is realized by the principle of switching power supply
- Voltage adjustment range 25-1000V, step 1V
- The instrument can detect abnormalities in the test line
- Small and exquisite body, Powerful function
- Maximum constant current 1.8mA output
- The minimum test cycle is only 50ms
- The instrument can detect the abnormal contact of the tested object (to avoid misjudgment of open circuit)

Technical Parameter

Model	JK2683B
Resistance measuring range	2K Ω ~9999M Ω
Range method	automatic / manual
measuring method	Continuous/remote control single
Test speed	Fast speed about 50ms/time Slow speed 500ms/time
Measuring voltage	25V~1000V
Voltage display accuracy	±1%
Test current range	

Test Voltage	Resistance range	Display range (Ω)	Resolution
25V ≤ V < 100V	2M Ω	0.000~4.000M	0.001
	20M Ω	1.90M~40.00M	0.01M
	200M Ω	19.0M~400.0M	0.1M
10V ≤ V < 500V	2M Ω	0.000~4.000M	0.001
	20M Ω	1.90M~40.00M	0.01M
	200M Ω	19.0M~400.0M	0.1M
	2000M Ω	190M~4000M	1M
500V ≤ V ≤ 1000V	2M Ω	0.000~4.000M	0.001
	20M Ω	1.90M~40.00M	0.01M
	200M Ω	19.0M~400.0M	0.1M
	2000M Ω	190M~9990M	1M