

JK7305 Programmed Earth Resistance Tester



Brief introduction

JK7305 grounding resistance tester is used to measure the internal resistance of electrical equipment. It reflects the contact resistance between the exposed parts of electrical equipment and the total grounding terminals of electrical equipment. In order to eliminate the influence of the contact resistance on the test, the ground resistance tester uses the four end measurement method, that is, the electric current is added between the exposed and the total grounding terminals of the measured electrical apparatus. Then measure the voltage at both ends and calculate the resistance value.

Performance characteristics

- Constant current linear amplifier output
- Front panel software correction, high accuracy
- RS232(Standard) and PLC(optional) interface
- Keyboard locking function
- Four end measurement method is more accurate
- A maximum of 15 groups of test memory patterns
- Alarm function

Technical parameters

Model	JK7305
Output current	3~30A± (2%±2dgts)
Test voltage	AC 6V
Ground resistance range	1~300mΩ, Output Current(3~10A) 1~150mΩ, Output Current(10A~30A) ± (2%±2dgts)
Test time	0.1~999.9s ± (2%±2dgts)
Liquid crystal display	16 * 2 line backlight LCD
Remote control device	Input: Test, Reset Output: Pass, Fail, Test-in-Process
Resolution	Current: 0.01A Resistance: 1mΩ
Test alarm	Buzzer, indicator light
Correction method	Software correction
Memory device	Memory current, resistance, time and other set values
Temperature / humidity	0°C~40°C / ≤75%RH
Standard accessory	JK26003A
Size /Weight	W×H×D: 280mm×100mm×380mm / 10kgs