

Safety Tester/Hipot Tester

IV. TH9403 Ground Bond Tester

Features

- Constant current linear amplifier output
- Front panel software calibration, high accuracy
- No RS232, standard PLC interface
- Keyboard lock function
- H9403 and TH9301 are connected to form a two-in-one withstand voltage grounding, Three-in-one withstand voltage insulation grounding tester, convenient and flexible

Brief Introduction

■ TH9403 grounding resistance tester is used to measure the internal grounding resistance of electrical equipment. It reflects the (contact) resistance between the exposed conductive parts of the electrical equipment and the total grounding terminal of the electrical equipment. In order to eliminate the influence of contact resistance on the test, the grounding resistance tester adopts a four-segment measurement method, that is, a current is added between the exposed conductive part of the measured electric and the total ground terminal, and then the voltage at both ends is measured to calculate the resistance value. This product meets GB4706.1-2005, GB9706.1-2007 and other domestic and foreign safety standards, and meets the requirements of JJG984-2004 safety measurement verification regulations.

Specifications

Model	TH9403
Output Current	3-30A ± (2%+2counts)
Output Voltage	6V
Ground Resistance Range	0-510mΩ 10A; 0-120mΩ 10A-30A ± (2%+2counts)
Testing Time	0.1-999.9s
LCD Monitor	16x2 Line Backlit LCD Display
Calibration Mthod	Software Calibration
Memory Device	Can memorize Current, Resistance, Time and other settings
Size and Weight	275mmx100mm340mm/10kg



TH9403

Dimension (mm): 280(W) x 88(H) x 372(D)
Net weight: 10 kg

Application

- Automated test system
- Household appliances
- Transformer, motor
- Electrical equipment
- Electric heating appliances
- Lighting industry
- New energy vehicles
- Electronic components
- Medical equipment