Electrical Safety Tester

Safety Performance Comprehensive Tester Inspection Tool TES-9015

Product description:

TES-9015 safety performance comprehensive tester inspection tool is tool that meets the daily inspection needs of withstanding voltage, Insulation resistance, ground bond resistance and leakage current safety performance testers. It automatically switches various safety loads according to the input voltage, and each item has two inspection values to meet different inspection needs.

Features

- 4 in 1 inspection testing function are withstand voltage, Insulation resistance, ground resistance and leakage current.
- 2 level (level 0 & 1) to confrimation performace of device under test in high and low range of each function.
- Support input voltage 220V under inspection usage.
- It can be daily inspection as relailibity and accurate than traditional testing by dummy load.

TES-9015

Specifications

Ground Bond Resistance Inspection Test			
Level	**Input Current**	**Grounding Resistance**	**Measuring Terminal**
0 Level	≤25A	75mΩ	Ground 0 level + Loop
1 Level	≤25A	150mΩ	Ground 1 level + Loop

Insulation Resistance Inspection Test			
Level	**Input Current**	**Grounding Resistance**	**Measuring Terminal**
0 Level	≤1000V	120MΩ	Measurement + Loop
1 Level	≤1000V	60MΩ	Measurement + Loop

Withstanding Voltage Inspection Test						
Level	**Input Voltage**	**Resistance**	**Reference Current Input Voltage 1650V**	**Reference Current Input Voltage 1800V**	**Measuring Terminal**	
0 Level	1500 ~ 2000V	600kΩ	2.75mA	3.00mA	Measurement loop	+
1 Level	1500 ~ 2000V	200kΩ	8.25mA	9.00mA	Measurement loop	+

Leakage Current Inspection Test						
Level	**Input Voltage**	**Resistance**	**Reference Current Input Voltage 233V**	**Reference Current Input Voltage 244V**	**Measuring Terminal**	
0 Level	140 ~ 400V	460kΩ	507μA	530μA	Measurement loop	+
1 Level	140 ~ 400V	230kΩ	1013μA	1061μA	Measurement loop	+

Standard Resistance Meter TSR-100

Product description:

TSR-100 standard resistor consists of 9 1/2W high-precision military-grade wirewound resistor series to form a four-wire standard resistor. It is convenient to carry and replace the traditional BZ3 and other single resistors to carry the problem of inconvenient switching of different resistors. The highest accuracy is 0.05%. It is a standard resistor specially customized by us. It is mainly used for the calibration of grounding resistance tester, equipotential tester and other instruments

Features

- 9 ranges : 1mΩ to 100kΩ
- The highest precision is 0.05%
- Wiring method is 4 wire, Capacity factor 1/2W
- Direct shifting does not require lone change
- Military grade wirewound resistor.

TSR-100

Specifications

Model	TSR-100
Function	Use for the calibration for instruments such as grounding resistance tester and equipotential tester
Range	1mΩ, 10mΩ, 100mΩ, 1Ω, 10Ω, 100Ω, 1kΩ, 10kΩ. 100kΩ
Accuracy	0.05%
Wire method	4 -wire method
Capacity factor	1/2W
Coefficient	±25ppm
Insulation resistance	More than 10MΩ (Between circuit and housing 500V)
Pressure resistance	AC 3700V/rms (Between circuit and housing)
Suitable for safety regulations	IEC61010-1, CAT III 600V, pollution level 2, JJG724-1991 "Verification Regulations for DC Digital Ohmmeters", JJG166-1993 "Verification Regulations for DC Resistors"
Usage Environment	-10 ~ 40°C, Humidity : <70%RH
Dimensions	187*119*48 mm.
Weight	550g