IRT10

Insulation Resistance Tester
With WiFi Connectivity

تست مقاومت عایقی

The complete toolbox for testing and analyzing insulation quality of electrical equipment

Features

- ◗ Up to 10KV and 10TΩ
- ◗ Measuring insulation resistance from 10KΩ to 10TΩ
- ◗ Generating the standard voltages in 25V steps
- ◗ Battery and main line operated with fast charge
- ◗ Over 16 hours battery operation time
- ◗ Portable and light weight case
- ◗ Extremely reliable and easy to use
- ◗ USB interface
- ◗ User-friendly mobile app.

Application

- ◗ High power transformer manufacturers
- ◗ Circuit breaker manufacturers
- ◗ Repair and maintenance of electrical power plant companies
- ◗ Electrical power plant EPC companies
- ◗ Electrical power labs
- ◗ Household electrical appliances manufacturers

TAPCO ®
TARASHE PARDAZE POOYA

IRT10 Specifications

Specifications are valid at nominal input voltage and an ambient temperature of +25°C, (77°F). Specifications are subject to change without notice.

General

Type	Portable Insulation Resistance Tester
CPU	32 Bit ARM Cortex-M3, 100MHZ
Display	4*20 Character LCD With Backlight
Main Voltage	100-240V AC/DC, 50 Hz
Built-in Battery With Automatic Charger	Li-ion, 11.1V/ 7800 mAh
Charge Time	2 Hours Full Charge
Battery Run Time	16 Hours 5KV @ 1GΩ Load
Dimension (L x W x H)	310 x 270 x 145 mm (12.2" x 10.6" x 5.7")
Weight (Basic Unit)	4.5 kg (10 lbs.)
Connectivity	USB, WIFI
Internal Storage	Stores Up To 420 Test Records
Keyboard	Rugged Membrane Keyboard (10 Alpha-Numeric Keys, 6 Function Keys)
CAT Rating	CATIV 600V

Operations

Test Types	IR, IR(t), DAR, PI
IR Digital Display Range	500 KΩ to 10 TΩ
IR Accuracy	±5% up to 100 GΩ ± 20% to 10 TΩ
Voltage Measurement Accuracy	±1% ± 10V
Current Range And Measurement Accuracy	1nA to 1.4 mA ±5% ± 0.5 nA @ 50nA
Output Voltage	500, 1000, 2500, 5000, 10000VDC Adjustable With 25V Steps

Printer

Form Of Printout	**Test Results** (Site Name, Date, Time, Test Name, Serial Number, Insulation Resistance, DAR, PI)
Printer Type	Thermal Printer With Fixed Print Head
Resolution (Graphic)	Resolution 8 Dots/mm (203 dpi)
Paper	Width 58 ± 0.5 mm (2.28"±0.2")

Application Softwares

IRTApp	Android Application

Environment

Operating Temperature	-20 to 55 °C (-4 to 131 °F)
Storage Temperature	-30 to 70 °C (-22 to 158 °F)
Humidity	20% – 95% RH , Non-Condensing

Accessories

High Voltage Probe Cables (3 cables , Black, Red, Blue)
User Manual

One Year Warranty, Five Years After Sales Services