T-3630

HV INSULATION RESISTANCE TESTER

The model T-3630 high voltage insulation resistance tester also known as megohm-meter, high voltage insulation resistance tester, etc., for the insulation resistance testing. The instrument has a large LCD screen gray backlight display, data storage, data access, alarm, automatic shutdown and other functions. At the same time, it also has the function of measuring DC voltage, AC voltage, absorption ratio and polarization index of DC voltage. The electrical test equipment is beautiful and upscale, has a wide range, high resolution, convenient operation, easy to carry, accurate, reliable, stable performance, strong anti-interference ability.

Moreover, T-3630 HV insulation resistance tester has a shockproof, dustproof, moisture-proof structure and is a commonly used and indispensable instrument for telecommunications, electricity, meteorology, computer rooms, oil fields, electro-mechanical installation and maintenance, and industrial enterprises that use lectricity as industrial power or energy. It is suitable for measuring the resistance value of various insulating materials and the insulation resistance of transformers, motors, cables and electrical equipment.

At the same time, it can output a variety of different voltage levels with the step-adjusting voltage function (for example, 15KV models can generate 15KV levels, which can be used more widely). T-3630 high voltage insulation tester consists of large scale integrated circuits. The output power of the meter is large, and the output voltage level is a lot (with 6 voltage levels). DC voltage measurement range is from 0 to 1000V, AC voltage measurement range is from 0 to 750V. DC current measurement range is from 100pA to 6mA. Capacitance measurement range is from 10nF to 50uF.

Features

1. Accuracy 3%;
2. DC voltage 0-1000V;
3. AC voltage 0-750V;
4. Resistance range 0-50TΩ;
5. IP65 structure portable designed;
6. 100pA-6mA DC current measurement;
7. 10nf-50uf Capacitance measurement;
8. 250V, 500V, 1KV, 2.5KV, 5kV, 10KV, 15KV;

Functions

1. Voltage test;
2. DC current test;
3. Capacitance test;
4. With PC software;
5. Insulation resistance test;
6. With rechargeable battery;
7. User friendly menu guided operation;

Parameters

Electrical parameters	
Function	Insulation resistance test, voltage test, DC current test, capacitance test
Accuracy	3%
Power Supply	12V rechargeable battery
Rated voltage range	100v, 250V, 500V, 1000V, 2500V, 5000V, 10KV, 15KV
Insulation resistance range	0.01MΩ～50TΩ
Resolution	0.01MΩ
DC Test Voltage Range	0～1000V; Resolution: 0.1V
AC Test Voltage Range	0～750V; Resolution: 0.1V
DC Current	0.1nA～6mA; Resolution: 0.1nA
Capacitance	10nF～50uF; Resolution: 10nF
Output short-circuit Current	≥6mA
DAR and PI	Yes
Backlight	Yes
LCD display	108mm×65mm, 4-bit LCD display, gray screen backlight
Communication	USB Port
Data Storage	500 GROUPS
Alarm Function	Yes
Power Consumption	Standby: 30mA Max(backlight off), Turn on backlight: 42mA Max, Measure： 300mA Max(backlight off)
Insulation Resistance	≥50MΩ (500V between circuit and shell)
Withstand voltage	AC3kV/50Hz 1min (between circuit and housing)
Test cable	HV red cable 3m, black 1.5m, green 1.5m
PC software	Yes
Standard	IEC61010-1, IEC61010-2-30, IEC61557-1,2,5, IEC60529(IP54), pollution grade 2, CAT Ⅲ 300V, EN/IEC
Mechanical parameters	
Dimensions (W×D×H) (mm)	240x188x85
Weight (kg)	2.75
Environmental conditions	
Operating temperature	-10°C to +50°C
Storage temperature	-40°C to 70°C
Relative humidity	≤90%RH

Selection guide

Model Selection			
MODEL	T-3630A	T-3630B	T-3630C
Max Output Voltage	5KV	10KV	15KV
Resistance Range	10TΩ	35TΩ	50TΩ

Accessories