

T-3630L

DIGITAL INSULATION RESISTANCE TESTER

T-3630L Digital insulation resistance meter also known as megohmmeter, high voltage insulation resistance tester, etc., for the insulation resistance test. 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 AC voltage absorption ratio and polarization index of DC voltage. The machine is beautiful and upscale, has a wide range, high resolution, convenient operation, easy to carry, accurate, reliable, stable performance, strong anti-interference ability. Moreover, it has a shockproof, dust-proof, moisture-proof structure and is a commonly used and indispensable instrument for telecommunications, electricity, meteorology, computer rooms, oil fields, electromechanical installation and maintenance, and industrial enterprises that use electricity as industrial power or energy. T-3630L insulation resistance meter is suitable for measuring the resistance value of various insulating materials and the insulation resistance of transformers, motors, cables and electrical equipment.

T-3630L Digital insulation resistance meter consists of medium and large scale integrated circuits. The output power of T-3630L is large, and its output voltage level is 5 voltage levels. Rated insulation test voltage range 100 - 2500V, insulation resistance measurement range 0.01MΩ - 200GΩ. DC voltage measurement range 0 - 1000V, AC voltage measurement range 0 - 750V.

Application

1. Power plant;
2. Universities;
3. Oil gas company;
4. Research institutes;
5. Electrical laboratory;
6. Electrical testing center;
7. Communication company;
8. Railway electrical department;
9. Electrical equipment manufacturers;
10. Electricity power bureau & power company;
11. Power engineering commissioning company;
12. Electrical Department of industrial and mining enterprises;



Functions & Features

1. Accuracy 3%;
2. 0-200GΩ;
3. AC Voltage test;
4. DC Voltage test;
5. DC voltage 0-1000V;
6. AC voltage 0-750V;
7. With gray backlight;
8. Recorder 500 sets data;
9. 100V, 250V, 500V, 1KV, 2.5KV;
10. Digital insulation resistance test;
11. User friendly menu guided operation;
12. With replacement battery;

Parameters

Electrical parameters	
Function	Insulation resistance test, voltage test, DC voltage measurement
Accuracy	3%
Power Supply	9V rechargeable battery, Working 100 hours
Rated voltage range	100v, 250V, 500V, 1000V, 2500V
Insulation resistance range	0Ω-200GΩ
Resolution	0.01MΩ
DC Test Voltage Range	0-1000V; Resolution: 0.1V
AC Test Voltage Range	0-750V; Resolution: 0.1V
Output short-circuit Current	≥2mA
DAR & PI Measurement	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: 40mA Max(backlight off), Turn on backlight: 43mA Max, Measure: 75mA Max(backlight off)
Insulation Resistance	≥200MΩ (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
Standard	IEC61010-1(CAT III 300V, CAT IV 150V, Pollution degree 2) EN/IEC61326(EMC)
Mechanical parameters	
Dimensions (W×D×H) (mm)	240x188x85
Weight (kg)	1.25

Environmental conditions

Operating temperature	-10°C to +50°C
Storage temperature	-40°C to 70°C
Relative humidity	≤90%RH