

T-3630S

DIGITAL INSULATION RESISTANCE METER

T-3630S 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-3630S 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-3630S Digital insulation resistance meter consists of medium and large scale integrated circuits. The output power of T-3630S is large, and its output voltage level is 5 voltage levels. Standard rated insulation test voltage range 100 - 1000V, max 2500V optional. insulation resistance measurement range 0.01MΩ - 50GΩ or 0.01MΩ - 100GΩ . DC voltage measurement range 0 - 1000V, AC voltage measurement range 0 - 1000V.

Application

1. Universities;
2. Power plant;
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. DC Voltage test;
3. DC voltage 0-1000V;
4. With gray backlight;
5. With replacement battery;
6. User friendly menu guided operation;
7. AC Voltage test;
8. 0-50GΩ/0-100GΩ;
9. AC voltage 0-1000V;
10. Recorder 500 sets data;
11. Digital insulation resistance test;
12. 100V, 250V, 500V, 1KV, 2.5KV(Optional);

Parameters

Electrical parameters

Function	Insulation resistance test, voltage test, DC voltage measurement
Accuracy	3%
Power Supply	1.5V rechargeable battery(8PCS), Working 100 hours
Rated voltage range	100v, 250V, 500V, 1000V; max 2500V(optional)
Insulation resistance range	0Ω-50GΩ (100GΩ optional)
Resolution	0.01MΩ
DC Test Voltage Range	0–1000V; Resolution: 0.1V
AC Test Voltage Range	0–1000V; Resolution: 0.1V
Output short-circuit Current	≥1.5mA(1000V)
DAR & PI Measurement	Yes
Backlight	Yes
LCD display	73mm×43mm, 4-bit LCD display, gray screen backlight
Communication	USB Port
Data Storage	500 GROUPS
Alarm Function	Yes
Power Consumption	Standby: 18mA Max(backlight off), Turn on backlight: 43mA Max, Measure: 326mA 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 1m, black 1m
Standard	IEC61010-1(CAT III 300V), IEC1010-2-31, IEC61557-1,5, IEC60529(IP54), Pollution degree 2) EN/IEC61326(EMC)

Mechanical parameters

Dimensions (W×D×H) (mm)	175x112x53
Weight (kg)	1.23

Environmental conditions

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