

Digital Micro Ohm Meter | 620C



620C digital micro ohm meter is an ideal instrument for measuring the resistance of inductive loads such as power transformers and the contact resistance of low-voltage switches, cable or weld interface resistance.

The 620C Micro ohm meter mainly used to measure the wire resistance of cables, the contact resistance of switches, connectors and relays, resistance of coils, motors and transformer windings. In addition, connection resistance between metal components such as equipment housings, lightning protection belts, low-value resistance test and ground poles resistance test of connecting conductor, contact resistance test.

Micro ohm resistance testing finds application in telecommunication, railway & metro, railway maintenance departments, power grid and distribution, industry electrical maintenance departments.



Advanced

Features:

- Wide range, 0.001mΩ ~ 300.0kΩ
- High accuracy: ±0.1%FS
- Minimum measurement range: 0.001mΩ
- Gray screen backlight, suitable for using in dark places - Can be used in a narrow space indoor environment to facilitate on-site troubleshooting
- 500 Sets Data storage function, convenient to view test data and make tables after measurement
- USB Data download : Upload data through the host computer software to monitor the measurement data in real time, convenient for data management and analysis

Specifications :

Resistance Range	0.001mΩ ~ 300.0kΩ
Resolution	1uΩ
Accuracy	±0.1%FS (@18°C~28°C), <70%RH : ±0.1%FS ± 20dgt
Test Method	Four-wire measurement
Test Current	≥1A
Open Circuit Voltage	≤4.2V
Power	Measurement power ≤8W
Power Supply	DC 3.7V 2000mAh large capacity lithium battery
Display / Backlight	LCD display, Controllable gray screen backlight, suitable for using in dark places
Test leads length	About 70cm, red×1, black×1
Test Time	2 / s
USB Interface	Micro USB interface
Data Storage	500 sets
Over Range Display	Over range function: display "OL"
Battery Voltage / Auto Off	Battery power is displayed in real time / Automatically after 15 minutes
Power Consumption	Standby: about 100mA (turn off the backlight)
	Power on and turn on the backlight: about 105mA
Operating Temperature & Humidity	Measurement : 2A Max
	-10°C ~ 50°C ; <70% RH
Overload Protection	Among interfaces C1-C2 P1-P2 AC 220V/0.0001s, after overload protection, restart the meter to test normally
Insulation Resistance	> 10MΩ (between the circuits and the housing: 500V)
Voltage Resistance	AC 3700V/rms (between the circuits and the housing)
Electromagnetic Properties	IEC61010-4-3, wireless Frequency electromagnetic field ≤1V/m



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