西安旭之辉机电科技有限公司
XZH TEST Xi'an Xu & Hui Electromechaniccal Technology Co.,LTD
Add: Building B8-01, Phase I, Rong hao Industrial City, No. 2098,
Wei yang 9th Road, Gao ling District, Xi'an City, Shaanxi Province, China
Tel: +86-029-86093121/86093122 website: www.xzhtest.com
Serena Lee Email: happyxzh@xzhjdkj.com Mobile/Whatsapp: +8618829354632

MICRO OHMMETER

200A(Contact resistance tester)

Introduction

This is an instrument specially designed to measure the contact resistance of various high-voltage switches, contact resistance of high-voltage circuit breakers, connection resistance of metal welding components, metal conductor loop resistance, and precision micro-ohm resistance.

This instrument takes a high-speed microcontroller as the core and combines high-precision A/D converters, digital measurement technology, anti-power frequency interference technology, and advanced program-controlled current source technology to produce ripple-free built-in large-capacity rechargeable lithium batteries. DC current, the maximum output is 220A, and the output current can be finely adjusted in steps of 2.5A, with up to 87 current gears to meet multi-current gear testing; at the same time, the time

Add: Building B8-01, Phase I, Rong hao Industrial City, No. 2098,
Wei yang 9th Road, Gao ling District, Xi'an City, Shaanxi Province, China
Tel: +86-029-86093121/86093122 website: www.xzhtest.com
Serena Lee Email: happyxzh@xzhjdkj.com Mobile/Whatsapp: +8618829354632

can be set (10s, 20s, 30s, 40s, 50s, 60s) Continuously outputs large current testing, capable of high-precision, high-stability, and highly intelligent testing in strong interference environments; it has functions such as open-circuit protection and overheating protection in terms of circuit design.

The instrument uses a 5.6-inch color LCD display, with a Chinese and English operation interface, which is clear and intuitive; it is also equipped with a standard resistor, so the instrument can be self-checked for accuracy before formal testing; the instrument has a wide range, large data storage capacity, strong anti-interference ability, and simple operation , handheld, small size, easy to carry and other advantages; it can also be equipped with an optional printer for data printing.

Technical parameter

Function	High voltage switch, high voltage circuit breaker and other contact resistance test; Metal-welded component connection resistance test; Metal conductors and other circuit resistance test; Precision micro ohm resistance test
Power supply	Built-in: 12.6V 9000mAh rechargeable lithium battery
Test mode	Four-wire method
Charger	12.6V/2A charger
Display mode	5.6 "industrial high brightness color LCD screen
Test interface	I+(positive current), I-(negative current), U+(positive voltage), U-(negative voltage)
Current output	Rough shift position: ≤5A, 10A, 30A, 50A, 80A, 100A, 200A, 220A
	Strip gear: Step value 2.5A, up to 87 current levels
Test range	≤5A : 1μΩ~3500mΩ
	10A: 0.1μΩ~200mΩ
	30A: 0.1μΩ~20mΩ
	50A: 0.01μΩ~15mΩ
	80A: 0.01μΩ~10mΩ
	100A: 0.01μΩ~5mΩ
	200A: 0.01μΩ~600uΩ
	220A: 0.01μΩ~500uΩ

西安旭之辉机电科技有限公司
XZH TEST Xi'an Xu & Hui Electromechaniccal Technology Co.,LTD
Add: Building B8-01, Phase I, Rong hao Industrial City, No. 2098,
Wei yang 9th Road, Gao ling District, Xi'an City, Shaanxi Province, China
Tel: +86-029-86093121/86093122 website: www.xzhtest.com
Serena Lee Email: happyxzh@xzhjdkj.com Mobile/Whatsapp: +8618829354632

Minimum resolution	0.01μΩ
Test accuracy	Current: 30A~220A ±(reading ×0.1%+ range 0.2%+1μΩ) Current: 10A or ≤5A ±(reading ×0.5%+ range 0.2%+10μΩ)
Test time	≤100A: Fast (recommended), 10s, 20s, 30s, 40s, 50s, 60s > 100A: Fast
Printer	Printer external(optional, extra cost)
Data storage	After the completion of the test, the data is automatically saved and saved in a cycle. 999 groups of data can be stored
Meter size	About 188mm(length)×85mm(width)×312mm(height)
Package size	About 550mm(length)×420mm(width)×215mm(height)
Weight	Instrument mass: about 2.2kg
	Total mass: about 9.3kg
Test line	Standard length: 3m (optional 5m)
	The current and voltage are connected to the test wire at both ends. The connection is simple and the resistance is less than 10mΩ
Data deletion	You can delete all data by selecting the Format memory option on the Settings screen
Data query	Enter the data view interface, press up and down left and right keys to browse the saved data
Automatic shutdown	When battery power is used, it will automatically shut down after 15 minutes of no operation
Battery voltage	The indicator of battery power is displayed in the upper right corner of the meter. When the symbol "0%" is displayed, it means that the battery power is exhausted and the meter will automatically shut down. Please charge it in time
Backlight	The backlight can be set to high, medium, and low brightness
Working current	The working current is 230mA under non-test

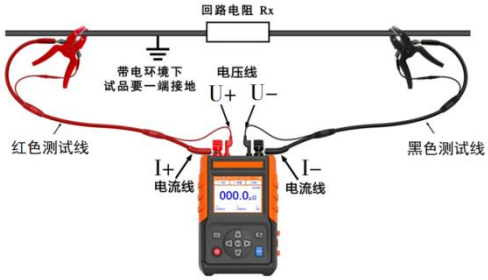
Add: Building B8-01, Phase I, Rong hao Industrial City, No. 2098,
Wei yang 9th Road, Gao ling District, Xi'an City, Shaanxi Province, China
Tel: +86-029-86093121/86093122 website: www.xzhtest.com
Serena Lee Email: happyxzh@xzhjdkj.com Mobile/Whatsapp: +8618829354632

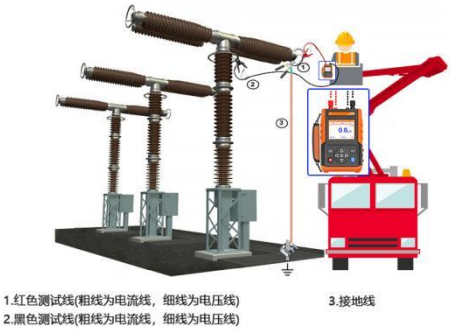
	condition, The working current can be set by itself under the test condition
Circuit protection	With open circuit protection, overheating protection and so on
Temperature protection	The instrument is equipped with temperature monitoring
Operating temperature and humidity	-10℃ ~ 50℃; Below 90%RH, no condensation
Storage temperature and humidity	-10℃ ~ 60℃; Below 70%RH
Charging voltage	12.6V
Fit for safety	IEC61010-1, CAT Ⅲ 600V, pollution level 2, JJG724-1991 "DC Digital Ohmmeter verification Regulation", JJG166-1993 "DC resistor verification Regulation", "DL/T967-2005 Circuit resistance tester and DC resistance Rapid tester Verification Regulation"

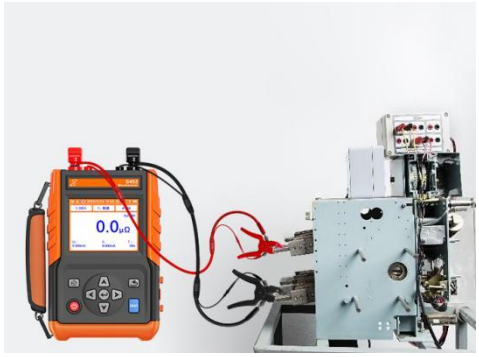
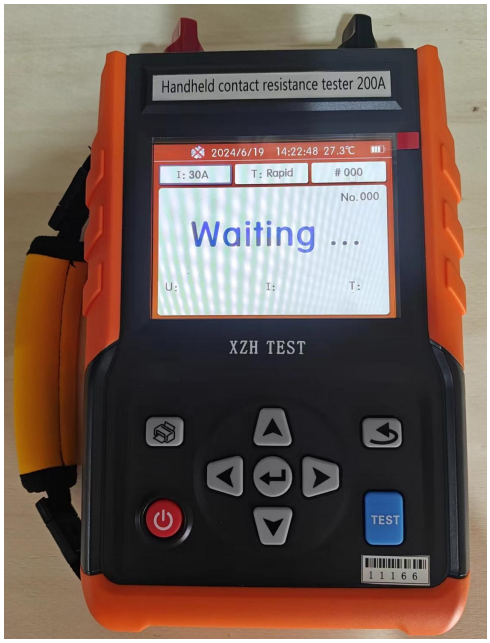
Structure

西安旭之辉机电科技有限公司
XZH TEST Xi'an Xu & Hui Electromechaniccal Technology Co.,LTD
Add: Building B8-01, Phase I, Rong hao Industrial City, No. 2098,
Wei yang 9th Road, Gao ling District, Xi'an City, Shaanxi Province, China
Tel: +86-029-86093121/86093122 website: www.xzhtest.com
Serena Lee Email: happyxzh@xzhjdkj.com Mobile/Whatsapp: +8618829354632

1. Cooling fan
2. Special charger port (round)
3. U+ Terminal post
4. I+ Terminal post
5. I- Terminal post
6. U- Terminal post
7. Print key
8. On-off key
9. Up, down, left, right, OK key
10. TEST Test key
11. Return key
12. Liquid crystal screen
13. Portable belt







西安旭之辉机电科技有限公司
XZH TEST Xi'an Xu & Hui Electromechaniccal Technology Co.,LTD
Add: Building B8-01, Phase I, Rong hao Industrial City, No. 2098,
Wei yang 9th Road, Gao ling District, Xi'an City, Shaanxi Province, China
Tel: +86-029-86093121/86093122 website: www.xzhtest.com
Serena Lee Email: happyxzh@xzhjdkj.com Mobile/Whatsapp: +8618829354632