



HTHL-100B Micro Ohmmeter



Product Introduction

At present, the contact resistance measurements of the conventional type QJ44 arms widely used in electric power system dc bridge, and the Test of this kind of bridge current only mA level, it is difficult to find circuit conductor cross-sectional area to reduce defects, when measuring contact resistance high-voltage switch electric circuit, due to the contact between the oil film and the influence of the oxide layer, several times the measured value is big, can't reflect real contact resistance. Therefore, the standard sd301-88 ac 500kV power equipment handover and preventive test regulations and the new version of preventive test regulations for power equipment stipulate that the measuring current of circuit breaker and isolating switch contact resistance is not less than dc 100A to ensure the accuracy of test results.

The switchMicro Ohmmeter produced by Huatian Electric Power is designed by combining high-frequency switch The Power supply technology and digital circuit technology in accordance with The implementation standard DL/ t845.4-2004 of new Electric Power of The People's Republic of China. The switchMicro Ohmmeter is suitable for the measurement of resistance in

the circuit of switch control equipment. The instrument is accurate in measurement and stable in performance. It meets the requirements of high voltage switch maintenance and resistance test of high voltage switch factory circuit.

Product names : Contact resistance tester、 switchMicro Ohmmeter、 Contact Micro Ohmmeter, contact (circuit) resistance tester

Product Parameters

Measuring range	1 ~ 1999 $\mu\Omega$
Resolution	1 $\mu\Omega$
Test current	DC 50A、 100A Two gears fixed output
Accuracy	0.5% \pm 1d
Way to work	continuous
Display	Three and a half LCD
Power supply	AC220V \pm 10% 50Hz
Working environment	Temperature: -10°C ~ 40°C, humidity: \leq 80%RH
Diemension	300 \times 290 \times 220 mm ³
Weight	6kg(excluding attachments)

Product features

1、 SwitchMicro Ohmmeter adopts The new The power supply technology, which can continuously output large current for a long time. The switch contact oxidation film can be effectively broken through, and good test results are obtained

2、 Strong anti-interference ability: under the condition of serious interference, the last bit data of LCD can be stable at \pm 1 word The scope of, stable reading, good repeatability

3、 The switchMicro Ohmmeter has a long service life. All The switchMicro Ohmmeter adopts high precision resistance, which effectively eliminates The influence of The environment temperature on The measurement results. At The same time, The use of military connectors enhances The anti-vibration performance

4、 Easy to carry: small volume、 The weight of The weight of The weight