



Quality is the lifeblood of industrial products; every screw is the object we concerned.

TE3100 High Precision High Current Microhmmeter

Brief Introduction:

TE3100 Series High Precision High Current Microhmmeter, with the features of high current, anti-jamming, high intelligent, portable and easy to operate, it is widely used loop resistance test, with the resolution of $0.01\mu\Omega$, can output high current lastingly, and overcome the shortcomings of pulse power supply can not continuous supply power and cannot effectively breakdown oxide film.

Appearance and configuration:



Main features:

- ◆ Adopt the latest power supply technology, can continuously output high current, and overcome the shortcomings of pulse power supply can only momentary output current, can effectively breakdown switch oxide film, and obtain the accurate test results.
- ◆ The data can be stabilized at $0.01\mu\Omega$ under the serious interference environment, with good data reproducibility, and according to the size of test product automatic switching range, particularly suitable for micro-resistance of less than $200\mu\Omega$ high-precision test.
- ◆ The output values and time of current can selected automatically through available software, without regulator, or potentiometer adjustment, the adjustment of mechanical wear parts will not cause equipment failure.
- ◆ The perfect combination of large current and portability, the device weighs just 4.5kg.
- ◆ Unique hardware and software design, which can eliminate the effect of test lead resistance and test clamp contact resistance on the test results. There is no impact to change the length of test leads.

● **Technical Parameters:**

- ◆ Power Supply: Voltage: AC220V±10% Frequency: 50Hz±1Hz
- ◆ Service condition: Ambient temperature: -10℃~ -40℃ Relative humidity: ≤80%
- ◆ Measurement Accuracy: The Measurement Accuracy of the instrument is $\pm(1\% \times \text{reading} + 2 \mu\Omega)$
- ◆ Instrument power: The rated power of the instrument <1200w
- ◆ Continuous output current time: 50A: 10s~600s
100A: 10s~600s
- ◆ Continuous output current time: The Maximum resolution of the instrument is 0.01μΩ
- ◆ Measurement range: 0μΩ~6000μΩ
- ◆ Test current: The test current of the instrument is 50A、100A
- ◆ Dimensions: Length330mm*Width260mm*Height140mm
- ◆ Weight: 5Kg(Exclude accessories)

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