

## T-216

### 600A Contact Resistance Test Set

*The risk of overheating is becoming more serious due to the fact that today's distribution networks have to carry heavier loads. Checking contact resistances at regular intervals detects faults before they cause overheating.*

*T-216 600A Contact Resistance Test Set are used to measure contact resistances in highvoltage breakers, disconnecting switches (isolators), knife-contact fuses, bus joints, line joints etc. It adopts the top open structure or vehicle mounted horizontal chassis. It has that vantage: more small volume, more light weight, more strong functions, and the simple operation. It designed for field tester design. The high output voltage is 10V. Display is 160\*128 large LCD screen. Test current optionally, test time can be set, test process dynamic tips, suitable for different working environment.*



## Features

1. Measures contact resistance in circuit breakers, disconnecting switches, busbar connections, safety devices, etc.
2. 600A large current output
3. Easy to operate
4. Compact designed for field use
5. Highly flexible cable connections
6. Portable and lightweight
7. Print :with internal installed 58mm wide thermal printer.
8. Communication:with RS232 and USB communication interface.

## Parameters

Electrical parameters	
Power supply	Single phase AC 220V±10% or 110V±10%, 50/60HzAC
Cooling way	intermittent air cooled
Current output	constant current: 100A, 200A, 300A, 400A, 500A, 600A.
Test time	100A: 5-60Sec, 200A: 5-30Sec, 300A-600A: 5-10Sec

**Electrical parameters - continued**

Test range	0-20000.0 $\mu\Omega$ (100A)
	0-10000.0 $\mu\Omega$ (200A)
	0-6000.0 $\mu\Omega$ (300A)
	0-5000.0 $\mu\Omega$ (400A)
	0-4000.0 $\mu\Omega$ (500A)
	0-3000.0 $\mu\Omega$ (600A)
Accuracy	0.5% $\pm$ 2bit
Resolution	0.1 $\mu\Omega$
Max storage volume	200
LCD	5.7"black and white LCD display
Communication	RS232 and USB communication interface
Printer	internal installed 58mm wide thermal printer.
Standard	DL/T 596-2005, IEC61010-1, IEC61326-1

**Mechanical parameters**

Dimension (LxWxH) (mm)	490x345x185
Weight (kg)	14

**Environmental conditions**

Operating temperature	-10°C to 50°C
Storage temperature	-20°C to 70°C
Relative humidity	$\leq$ 85%RH