

T2301 Earth Resistance Clamp

- Jaw Size 32mm
- 0.01Ω High Accuracy for Low Resistance measurement
- 0.001Ω High Resolution
- Record 99 Resistance Measurement
- With Alarm Function of Resistance Limit, Set Alarm Threshold
- Measure Leakage Current and Neutral Current 1m≈20A
- Current Overload Display: > 20A RMS Display
- Test Voltage 3700V

USE

Earth Resistance Clamp is designed for testing earth resistance of any loop system, for example not only earth resistance of electric power transportation conductors and communication circuitry, but also earth resistance of electric equipment and lightning arrester can be tested. When there is an interference current in the grounding loop, the accuracy of resistance measurement is affected, the interference current can be tested by the earth resistance clamp.

Ground resistance can be measured safely and quickly by clamping the ground line only. The high sensitivity clamp meter can measure the leakage current to 1mA, neutral current to 20A RMS. It is especially important

for testing ground circuit with strong interference and ripple that will influence the electrical quality.

Technical Specification

| Resistance | 0.01Ω~0.999Ω | ±(1,5%+0.01Ω) | 0.001Ω |
|------------|--------------|----------------|--------|
| | 1Ω~9.99Ω | ±(1,5%+0.1Ω) | 0.01Ω |
| | 10Ω~99.9Ω | ±(2.0%+0.3Ω) | 0.1Ω |
| | 100Ω~199.9Ω | ±(3.0%+1Ω) | 1Ω |
| | 200Ω~400Ω | ±(6.0%+5Ω) | 5Ω |
| | 400Ω~600Ω | ±(10%+10Ω) | 10Ω |
| | 600Ω~1200Ω | ±(20%+20Ω) | 20Ω |
| Current | 100mA | ±(2,5%+1mA) | 0.1mA |
| | 300mA | ±(2,5%+2mA) | 0.3mA |
| | 1A | ±(2,5%+0.003A) | 0.001A |
| | 3A | ±(2,5%+0.01A) | 0.003A |
| | 10A | ±(2,5%+0.03A) | 0.01A |
| | 20A | ±(2,5%+0.05A) | 0.03A |



Model Specification

| | |
|-----------------|---|
| Accessories | Carry Case, Calibration Loops 1Ω, 5Ω, 10Ω |
| Dimensions (mm) | 276(L) x 104(W) x 54(H) |
| Power Source | 9V Battery |
| Weight | 1050g |

T201 300A AC

- Jaw Size 30mm
- Compact Size



Technical Specification

| | |
|----------|--|
| Range | 0,1 to 400AC |
| Output | 1mV/1A - 10mV/1A |
| Accuracy | 3-30A ± 3,0 % ± 10 Digit 300A ± 2,0 % ± 5 Digit |
| Sensor | Transformer |

Model Specification

| | |
|-----------------|------------------------|
| Dimensions (mm) | 156(L) x 80(W) x 35(H) |
| Weight | 220g |

T600 600A AC/DC

- Jaw Size 30mm
- Hall effect sensor
- High accuracy



Technical Specification

| | |
|----------------|-----------------|
| Range | 0 - 600 A AC/DC |
| Output | 1mV/A |
| Accuracy | ±(2% + 2mV) |
| Sensor | Hall effect |
| DC A Zero Adj. | External knob |

Model Specification

| | |
|-----------------|------------------------|
| Dimensions (mm) | 178(L) x 70(W) x 33(H) |
| Power Source | 9V Battery |
| Weight | 290g |

T202 2000A AC/DC

- Jaw Size 57mm
- Hall effect sensor
- Auto Zero



Technical Specification

| | |
|----------------|----------------------|
| Range | 200, 2000 A AC/DC |
| Output | 1mV/A |
| Accuracy | ±1.5% + 2A (AC & DC) |
| Sensor | Hall effect |
| DC A Zero Adj. | Auto zero knob |

Model Specification

| | |
|-----------------|-------------------------|
| Dimensions (mm) | 244(L) x 100(W) x 40(H) |
| Power Source | 9V Battery |
| Weight | 490g |