

**Product Function**

Earth resistance measurement, loop resistance measurement.

**Product features**

1. A major breakthrough in earth resistance measurement technology, non-contact measurement safe and fast.
2. When measuring the loop earth system, no need to disconnect the grounding down leads, and no need add auxiliary electrode, which is saving time and more effective.
3. Clamp Earth Resistance Tester can measure the grounding fault which can't be measured by traditional method, and applied to the situation where traditional methods cannot measure.
4. Have functions of audible and visible alarm, data storage, data hold.

**Technical Specification**

| Model                                                  | ETCR2000+                                                   | ETCR2000A+  | ETCR2000C+      |
|--------------------------------------------------------|-------------------------------------------------------------|-------------|-----------------|
| Resistance Range                                       | 0.010Ω~1200Ω                                                | 0.010Ω~200Ω | 0.010Ω~1200Ω    |
| Current Range                                          | --                                                          | --          | 0.00mA ~20.0A   |
| Resistance Accuracy<br>(23°C±5°C, 75%RH)               | Range                                                       | Resolution  | Accuracy        |
|                                                        | 0.010Ω~0.099Ω                                               | 0.001Ω      | ±(1%rdg+0.01Ω)  |
|                                                        | 0.10Ω~0.99Ω                                                 | 0.01Ω       | ±(1%rdg+0.01Ω)  |
|                                                        | 1.0Ω~49.9Ω                                                  | 0.1Ω        | ±(1%rdg+0.1Ω)   |
|                                                        | 50.0Ω~99.5Ω                                                 | 0.5Ω        | ±(1.5%rdg+0.5Ω) |
|                                                        | 100Ω~199Ω                                                   | 1Ω          | ±(2%rdg+1Ω)     |
|                                                        | 200Ω~395Ω                                                   | 5Ω          | ±(5%rdg+5Ω)     |
|                                                        | 400~590Ω                                                    | 10Ω         | ±(10%rdg+10Ω)   |
|                                                        | 600Ω~880Ω                                                   | 20Ω         | ±(20%rdg+20Ω)   |
| Current Accuracy<br>(23°C±5°C, 75%RH)<br>(Only C type) | 0.00mA ~9.95mA                                              | 0.05mA      | ±(2.5% + 1mA)   |
|                                                        | 10.0mA ~99.0mA                                              | 0.1mA       | ±(2.5% + 5mA)   |
|                                                        | 100mA ~300mA                                                | 1mA         | ±(2.5% + 10mA)  |
|                                                        | 0.30A~2.99A                                                 | 0.01A       | ±(2.5% + 0.1A)  |
|                                                        | 3.0A~9.9A                                                   | 0.1 A       | ±(2.5% + 0.3A)  |
|                                                        | 10.0A~19.9A                                                 | 0.1 A       | ±(2.5% + 0.5A)  |
|                                                        | 20.0A~30.0A                                                 | 0.1 A       | ±(3% + 1A)      |
| Clamp Jaw Size                                         | 65mmX32mm                                                   |             |                 |
| Tester Dimension                                       | 285mm(L)X85mm(W)X56mm(H)                                    |             |                 |
| Weight                                                 | About 2.3kg(include accessories)                            |             |                 |
| Power Supply                                           | DC6V Alkaline dry battery (LR6 1.5VX4PCS)                   |             |                 |
| Single Measurement Time                                | 0.5s                                                        |             |                 |
| LCD Screen                                             | 4 Digits LCD display: 47mm(L)X28.5mm(W)                     |             |                 |
| Data Storage                                           | 99 Groups                                                   |             |                 |
| Audible & Visual Alarm                                 | "Du-du-du"alarm sound, press <b>AL</b> key to turn on/off   |             |                 |
| Alarm Threshold Setting                                | Resistance:1~199Ω;Current:1~499mA(only C type)              |             |                 |
| Working Temperature & Humidity                         | -10°C~55°C; 10%~90% RH                                      |             |                 |
| Protection Level                                       | Double insulation                                           |             |                 |
| Shift                                                  | Automatically                                               |             |                 |
| USB Interface                                          | Optional(extra)                                             |             |                 |
| Accessories                                            | Meter: 1PCS; Test Ring: 1PCS; Case: 1PCS; LR6 battery: 4PCS |             |                 |