

# Hand Held Earth Resistance Tester

**multicomp**PRO

**RoHS  
Compliant**



## Characteristics

|                           |                                                                                                                                                                                              |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Earth Resistance Range    | 20Ω, 200Ω, 2000Ω                                                                                                                                                                             |
| Display                   | Large LCD with dual display                                                                                                                                                                  |
| Multimeter Function Range | 200kΩ, 750V AC, 1000V DC                                                                                                                                                                     |
| Sampling Rate             | 2.5 times per second                                                                                                                                                                         |
| Zero Adjustment           | Automatic Adjustment                                                                                                                                                                         |
| Over Range Indicator      | Number 1 of highest digit is displayed                                                                                                                                                       |
| Low Battery Indication    | The  is displayed when the battery voltage drop below the operating voltage                                 |
| Auto Power Off            | To conserve battery life, the meter will automatically turn off after approx. 15 minutes of non-use. To turn the meter back on, turn the rotary switch to OFF, then to the desired function. |
| Operating Temperature     | 0°C to 40°C (32°F to 104°F) and Humidity below 80% RH                                                                                                                                        |
| Storage Temperature       | -10°C to 60°C (14°F to 140°F) and Humidity below 70% RH                                                                                                                                      |
| Power Source              | 1.5V Size "AA" battery × 6                                                                                                                                                                   |
| Dimensions                | 200mm (L) × 92mm (W) × 50mm (H)                                                                                                                                                              |
| Weight                    | Approx. 700g include battery                                                                                                                                                                 |
| Warranty                  | 03 years                                                                                                                                                                                     |

## Specifications

|                                                                                              |       | Range      | Resolution  | Accuracy        |                     |
|----------------------------------------------------------------------------------------------|-------|------------|-------------|-----------------|---------------------|
| Earth resistance                                                                             |       | 20Ω        | 0.01Ω       | ±(2%+10d)       |                     |
|                                                                                              |       | 200Ω       | 0.1Ω        | ±(2%+3d)        |                     |
|                                                                                              |       | 2000Ω      | 1Ω          | ±(2%+3d)        |                     |
| Earth Voltage                                                                                |       | Range      | Resolution  | Accuracy        |                     |
|                                                                                              |       | 200V       | 0.1V        | ±(3%+3d)        |                     |
| OHMS                                                                                         |       | Range      | Resolution  | Accuracy        | Overload Protection |
|                                                                                              |       | 200kΩ      | 0.1kΩ       | ±(1%+2d)        | 250Vrms             |
| DC Voltage                                                                                   | Range | Resolution | Accuracy    | Input Impedance | Overload Protection |
|                                                                                              | 1000V | 1V         | ±(0.8%+3d)  | 10MΩ            | 1000Vrms            |
| AC Voltage<br>(40Hz ~ 400Hz)                                                                 | Range | Resolution | Accuracy    | Input Impedance | Overload Protection |
|                                                                                              | 750V  | 1V         | ±(1.2%+10d) | 10MΩ            | 750Vrms             |
| Hold Function                                                                                |       |            |             |                 |                     |
| Backlight: Automatically turn off after 15 seconds                                           |       |            |             |                 |                     |
| Accessories: 4 Wire Cable, Iron Rods x 2, Test Leads, 6 Pcs Batteries, Carry Case and Manual |       |            |             |                 |                     |

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## Part Number Table

| Description                                  | Part Number |
|----------------------------------------------|-------------|
| Earth Resistance Tester, 20Ω to 2kΩ, 750V AC | MP700110    |

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