



### Major Features

- ◎ When measuring by 2-pole, there is no need digging the auxiliary rod
- ◎ Measure earth resistance and soil resistivity by 3-pole and 4-pole
- ◎ Measure AC voltage
- ◎ Display signal when it exceeds test range
- ◎ Automatically terminate the measurement when misoperating

*The latest digital precision earth resistance tester technology*

### Technical parameters

|  |  |
|--|--|
| Resistance measurement range               | 0~2000 $\Omega$  |
| Resolution                                 | 0.01 $\Omega$  |
| Accuracy                                   | $\pm (2\%+2d)$   |
| Voltage measurement                        | <80V, sine wave  |
| Current measurement                        | $\leq 10$ mA   |
| Frequency measurement                      | 125Hz $\pm$ 1Hz  |
| Measurement result                         | average value of 2 times or 5 times                    |
| the max solving resistance of testing line | 5 $\Omega$   |
| LCD dimension                              | 3.5 bits, height of character: 19mm                    |
| Memory capacity                            | 15 data  |
| Voltage measurement range                  | 0~400V, resolution: 1V                                 |
| Insulation intensity test                  | 2500V  |
| Power supply                               | 4 $\times$ 1.5V AA alkaline cells                      |
| Dimension                                  | L $\times$ W $\times$ H:255 $\times$ 140 $\times$ 60mm |
| Weight                                     | 1kg (about 3kg with accessories)                       |
| Safety and environment condition           | IP54.; IEC10101-1; EMC 50081-1, 50082-1 or IEC 61326-1 |
| Operating temperature and humidity         | -10 $^{\circ}$ C~ 50 $^{\circ}$ C, RH 90%              |

### Test item: Earth resistance by 2-pole, 3-pole and 4-pole

| Re range( $\Omega$ ) | Resolution( $\Omega$ ) | Accuracy       |
|----------------------|------------------------|----------------|
| 0~19.99              | 0.01                   | $\pm (2\%+2d)$ |
| 20~199.9             | 0.1                    | $\pm (2\%+2d)$ |
| 200~1999             | 1                      | $\pm (2\%+2d)$ |

### Test item: Soil resistivity $\rho$ measurement

| $\rho$ range ( $\Omega$ ) | Resolution( $\Omega$ ) | Accuracy       |
|---------------------------|------------------------|----------------|
| 0~19.99                   | 0.01                   | $\pm (2\%+2d)$ |
| 20~199.9                  | 0.1                    | $\pm (2\%+2d)$ |
| 200~1999                  | 1                      | $\pm (2\%+2d)$ |
| 2.00K~19.99K              | 10                     | $\pm (2\%+2d)$ |
| 20.0K~125.6K              | 100                    | $\pm (2\%+2d)$ |

### Test item: AC voltage measurement

| Range (V) | Resolution (V) | Accuracy       |
|-----------|----------------|----------------|
| 0~400     | 1              | $\pm (2\%+2d)$ |