

BESANTEK Earth Resistance Tester is used to measure the ohms ( $\Omega$ ) of an earth grounding installation for buildings (residential, office, labs, hospitals), computer server rooms, military installations, cellular sites, radio and cable towers, etc. It is used to determine if the earth (or ground) is a good conductor of electricity.

## Features:

- Capable of measuring earth resistance and earth voltage (Vac).
- 2mA measuring current permits the testing of earth resistance without tripping earth leakage current circuit breakers in the circuit.
- Auto power off function.
- The timer operates automatically about three to five, when the "Push Button Switch" and "Timer on Button" are pressed together.
- This will keep test "ON" for the duration of the timer.
- Time for test function (count 3-5 minutes).
- Battery operated.
- Small and light weight.
- Data hold function.
- Calibration performed with supplied test leads.
- Accessories: Instruction manual, test leads (red-15m, yellow-10m, green-5m), auxiliary earth bars, carry case and batteries.



**BST-ET52**

## Technical Specification:

BST-ET52	
Measuring Ranges	Earth Resistance: 0-20 $\Omega$ , 0-200 $\Omega$ , 0-2000 $\Omega$ Earth Voltage: 0-200V AC (40-500 Hz)
Accuracy	Earth Resistance: $\pm(2\%rdg+2dgt)$ or $\pm 0.1\Omega$ which is greater Earth Voltage: $\pm(1\%rdg+2dgt)$
Earth Resistance Resolution	0-20 $\Omega$ : 0.01 $\Omega$ , 0-200 $\Omega$ : 0.1 $\Omega$ , 0-2000 $\Omega$ : 1 $\Omega$
Measurement System	Earth resistance by constant current inverter 820Hz approx. 2mA
Low Battery Indication	"B" symbol appears on the display
Data Hold Indication	"DH" symbol appears on the display
Over Range Indication	"1" (MSD)
Open Circuit Indication	LED will be unlit
Display LCD	3½ digit (2000 counts)
Power Source	1.5V (AA) x 6
Dimensions	163 (L) x 100 (W) x 50 (D) mm
Weight	Approx. 480g (battery included)

## Accessories



## Ordering Information:

- BST-ET52: Digital Earth Resistance Tester.



Safety Standard:

- EN 61010-1 CAT III 200V, EN 55022, EN 50081-1