

Work Surface Tester ST-4



Surface Resistivity	$10^{-3} \sim 10^{13}$ ($\Omega/\text{sq.}$ or Ω)
Mode	① Standard Mode (Ohm per square, Surface Resistivity) ② Mat surface - Mat resistance measurement Mode (Ohms, Resistivity to Ground) (w/ cable) ③ IEC Standard measurement Mode follow the IEC standard probe (surface + weight)
LCD display	Exponent display (one digit beyond the decimal point) Remaining measurement time by bar-graph indicator Remaining battery value
LED display	① TEST Green LED indicator: Standard Mode (Ohm per square, Surface Resistivity) Red LED indicator: Mat-Ground resistance measurement Mode (Ohms, Resistivity to Ground) and IEC standard measurement Mode ② Measurement voltage (10V, 100V) ③ CHARGE Red LED indicator: in process of charging
Measurement time	10sec, 30sec, 60sec
Range	Can be set up the max and min of measurement value (by 0.5 exponent)
Accuracy	± 0.5 decade (ex. 108.5 ± 0.5)
Measurement voltage	Automatically adjust/change ① Cube of 3 to 6 : 10V, 10mA max ② Cube of 6 to 13 : 100V, 1mA max
Source	Inside battery
External outlet	① External probe connector ② AC adaptor connector (battery charging USB mini type)
Measurement are	50mm (probe length) \times 50mm (probe distance) (in measurement)
Probe material	Special conductive rubber (volume resistivity $0.02 \Omega \cdot \text{cm}$ max.)
Environment	15 $^{\circ}\text{C} \sim 25$ $^{\circ}\text{C}$, under 60% R.H.
Dimension	114(W) \times 78(D) \times 69(H) max. (mm)
Case	Stainless steel
Weight	body 700g

① To measure the surface resistance

1. Place ST-4 on the flap surface of the object.



Measurement time can be set as 15, 30 or 60 seconds.
(Factory default setting is 15 seconds.)

2. Press the red button.



Automated voltage selection.
Green: Output level 10V, Red: Output level 100V

3. Finish

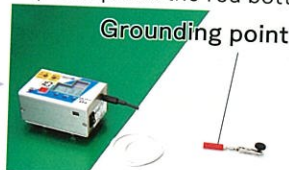


② To measure the grounding leakage resistance

1. Set the cable with a crocodile clip.



2. Hook up the grounding point with the crocodile clip and press the red button.



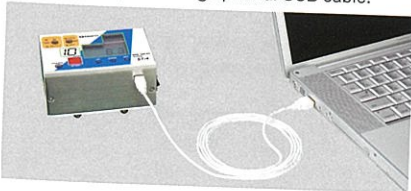
3. Finish



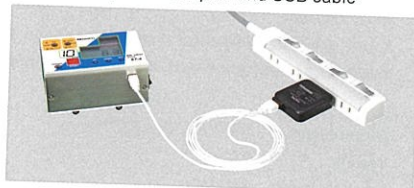
ST-4 switches to the grounding leakage resistance mode itself when connected the cable.

③ To recharge

1. With a computer using optional USB cable.



2. With an optional adapter and USB cable



Battery Remaining Display

