

Earth Resistance & Resistivity Tester

ST-2106

Features :

- 2/3/4-wires** accurate measurement of **earth resistance, soil resistivity** and **earth voltage**, etc.
- 4-pole Soil Resistivity testing
- 2-pole AC resistance measurements
- USB2.0** Interface
- Data storage: **999 groups**
- Auto power-off
- Backlight display
- Automatic Frequency Control (AFC)** - identifies existing interference and chooses a measurement frequency to minimize its effect, providing more accurate earth ground value
- 4-digits large and clear LCD display with analog bar graph and blue backlit
- Safety as per IEC 1010-1 cat.III 600V

Specification:

Specifications	Range	Resolution	Accuracy
Earth-Resistance	0.01 ~ 19.99 Ω	0.01 Ω	$\pm(2\% + 3)$
	20.0 ~ 199.9 Ω	0.1 Ω	
	200 ~ 999 Ω	1 Ω	
	1.000 ~ 1.999 K Ω	0.001K Ω	
	2.00 ~ 19.99 K Ω	0.01K Ω	
Soil Resistance ρ	0.06 ~99.99 Ω .m	0.01 Ω .m	$\pm(2\% + 3)$
	100.0 ~999.9 Ω .m	0.1 Ω .m	
	1.000 ~ 9.999 K Ω .m	0.001 K Ω .m	
	10.00 ~ 99.99 K Ω .m	0.01 K Ω .m	
	100.0 ~ 999.9 K Ω .m	0.1 K Ω .m	
	1000 ~ 1999 K Ω .m	1 K Ω .m	
Disturbance voltage (Ust)	50.0 V	0.1V	$\pm(2\% + 2)$
Disturbance frequency (Fst)	16Hz - 500 Hz	0.1Hz	$\pm(1\% + 0.5\text{Hz})$
Frequency	128Hz / 111Hz / 105Hz / 94Hz / AFC		
Voltage	0.1-50V(0.1V)		
Short-circuit current	<20		

General Information :

Power Supply: 8x1.5V R14SG SIZEC Type

Size : 270(W)×190(L)×80(D)mm

Weight : 4kg

Packing Includes :

- 4 pcs earth rods

- 4 pcs crocodile clamps and wires

Black: 6mm

Red: 15mm

Blue: 30mm

Green: 6mm

-User manual

-Carrying bag

-PC software and USB data cable

