

Advanced Earth Resistance Tester | SET340



Advanced

Advanced Earth Resistance tester based on 2/3/4 wire test measures earth resistance and soil resistivity. The instrument features detection of interference voltage/ frequency & automatic connection check to allow use in demanding conditions typical in high voltage power installation.

Features:

- Data Storage & Auto power off
- Low Battery Indication
- Compensating Resistance RK measurement
- Selectable 94/128Hz test frequency

Complies to:
IEC1010-1
IEC1010-2-032



Specifications :

Measurements	Range	Resolution	Accuracy
Earth Ground Resistance (Ω)	4Ω	0.01ohms	±(3%+15)
	40Ω	0.01ohm	±(3%+5)
	400Ω	1	
	4kΩ	0.01k	
	40kΩ	0.1k	
Soil Resistivity (Ω)	4Ω		ρ=2×π×L×Re (Depending on the test result of Re)
	4Ω		
	400Ω		
	4kΩ		
	40kΩ		
Disturbance voltage (Ust)	1 ~ 50V	1V	±(3%+3) (DC voltage/40Hz~500Hz)
Disturbance Frequency (Fst)	40~500Hz	1Hz	±(1%+2)
Type	2/3/4 Wire		
Simple 2 - Wire Testing	√		
Precision 3 - Wire Testing	√		
Soil Resisitivity test distance	1 ~ 40m		
Test Frequency	94 / 128 Hz		
Compensating resistance RK Test	√		
Earth resistance RH & RS Test	√		
Data Hold	√		
Backlight Display	√		
Battery Check & Auto Power Off	√		
Data Storage	20 sets		
Overload protection	220V, 10 secs		
Withstand Voltage Between Circuit & Housing	3540 V		
Category Safety Ratings	EN 61010-1 CAT III 300V , EN 61010-2-033, EN-61010-031		
General Characteristics			
Power	AA 1.5V Batteries x 8		
Display	125mm x37mm		
Product Net Weight (Ing)	1100		
Product Size (mm)	210 x175 x90		
Standard Accessories	Batteries, simple test leads with alligator clips (double plugs x1, single plug x 1), earth spike x 4, standard test leads with alligator clips (40m red x 1,20m red x 1,20m black x 1,10m yellow x 1, 5m green x1), gallus		



Asian Contec Ltd.

Asian Center, B-28, Okhla Industrial Area, Phase-1, New Delhi -110020, India.

Contact Nos. : Tel : +91-11-41860000 (100 Lines), Direct Sales Helpline : +91-11-41406926

Web : www.stanlay.in www.stanlay.com email: sales@stanlay.com

Regional Offices : • Faridabad • Mumbai • Bengaluru • Hyderabad • Bhubaneshwar • Guwahati

Quality Management System



ISO 9001: 2015



1-QSC202101102

Ref:ST/SET340/2025