

# GROUND RESISTANCE TESTERS

Digital Tester

## Model 3640

Easy to use one button operation, performs ground resistance measurement with speed and accuracy



### ► SPECIFICATIONS

MODEL	3640		
Types of Measurements	2- and 3-Point		
Display	Digital		
Soil Resistivity Test	No		
Measurement Ranges	20Ω: 0.00 to 19.99Ω	200Ω: 20.0 to 199Ω	2000Ω: 200 to 1999Ω
Resolution	10mΩ	100mΩ	1Ω
Test Current	10mA	1mA	0.1mA
Open Voltage	42V peak		
Operating Frequency	128Hz square wave		
Accuracy	±2% of Reading ±1ct		±5% of Reading ±3cts
Interference	All models reject high levels of interference voltage (DC, 50 to 60Hz, harmonics)		
Power Source	Eight 1.5V AA batteries (included)		
Battery Life	Approx. 1800 15-second measurements		
Low Battery Indication	Yes		
Fuse Protection	High breaking capacity, 0.1A, >250V		



### ► FEATURES

- Ground Integrity® Measurement
- Measures ground resistance (2- and 3-Point) Fall-of-Potential method
- Large LCD digital display
- Designed to reject high levels of noise and interference
- Auto-Ranging: automatically selects the optimum range
- Battery powered
- Extremely simple to operate: connect - press - hold - read
- Error indicator lights
- Rugged dustproof and rainproof case
- Color-coded terminals and lead identification

### ► PRODUCT INCLUDES

Soft carrying case, eight 1.5V AA batteries and user manual.



Model 3640 Kit – 300ft shown

Please refer to page 40 for Test Kit descriptions

CATALOG NO.	DESCRIPTION
2114.92	Ground Resistance Tester Model 3640 (Digital, 3-Point)
2135.13	Ground Resistance Tester Model 3640 Kit – 150ft (Model 3640 and Catalog #2135.35)
2135.14	Ground Resistance Tester Model 3640 Kit – 300ft (Model 3640 and Catalog #2135.36)
2130.59	Calibration Checker – 25Ω for Models 3640, 4620 and 4630