

Models 3620 & 3640

Performs ground resistance measurement with speed and accuracy



► FEATURES

- Measures ground resistance (2- and 3-Point) Fall-of-Potential method
- Large analog display (Model 3620)
- Large LCD digital display (Model 3640)
- Designed to reject high levels of noise and interference
- Auto-Ranging: automatically selects the optimum range (Model 3640)
- Battery powered
- Extremely simple to operate: connect - press - read
- Error indicator lights
- Rugged dustproof and rainproof case
- Color-coded terminals and lead identification

► SPECIFICATIONS

| MODELS | 3620 | 3640 | | |
|------------------------|--|---------------------------|---|---------------------------|
| Types of Measurements | 2- and 3-Point | | | |
| Display | Analog | Digital | | |
| Soil Resistivity Test | No | | | |
| Measurement Ranges | 0.5 to 1000Ω | 20Ω: 0.00 to 19.99Ω | 200Ω: 20.0 to 199Ω | 2000Ω: 200 to 1999Ω |
| Resolution | 10mΩ | 10mΩ | 100mΩ | 1Ω |
| Test Current | 10mA | 10mA | 1mA | 0.1mA |
| Open Voltage | ≤24V peak | 42V peak | | |
| Operating Frequency | 128Hz square wave | | | |
| Accuracy | 5% of Reading ± 0.1% scale length | | 3% of Reading ± 3cts; 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. 1680 15-second measurements | | Approx. 1800 15-second measurements | |
| Low Battery Indication | Yes | | | |
| Fuse Protection | High breaking capacity, 0.1A, >250V | | | |



Model 3640 Kit – 300 ft shown

Please refer to page 37 for Test Kit descriptions

| CATALOG NO. | DESCRIPTION |
|-------------|--|
| 2114.90 | Ground Resistance Tester Model 3620 (Analog, 3-Point) |
| 2114.92 | Ground Resistance Tester Model 3640 (Digital, 3-Point) |
| 2135.10 | Ground Resistance Tester Model 3620 Kit – 150 ft (Model 3620 and Catalog #2135.35) |
| 2135.11 | Ground Resistance Tester Model 3620 Kit – 300 ft (Model 3620 and Catalog #2135.36) |
| 2135.13 | Ground Resistance Tester Model 3640 Kit – 150 ft (Model 3640 and Catalog #2135.35) |
| 2135.14 | Ground Resistance Tester Model 3640 Kit – 300 ft (Model 3640 and Catalog #2135.36) |
| 2130.59 | Calibration Checker – 25Ω for Models 3620, 3640, 4620 and 4630 |

