

# Model 6470-B

## Large Functional Displays

### ► FEATURES

- 2- and 4-Wire Bond Resistance/Continuity Measurement (DC Resistance) with automatic polarity reversal
- 3-Pole (3-Point) Fall-of-Potential measurement with manual or automatic frequency selection
- 4-Pole (4-Point) Fall-of-Potential measurement for very low resistance measurements with manual and automatic frequency selection and automatic lead compensation
- 4-Pole (4-Point) Soil Resistivity measurement with automatic calculation of Rho ( $\rho$ ) and user selection of the Wenner or Schlumberger test method
- 3-Pole (3-Point) Earth Coupling measurement
- Manual and automatic frequency scan from 40 to 513Hz for optimum test accuracy in electrically noisy environments
- Selectable test voltage of 16 or 32V up to 250mA of test current
- Auto-off power management
- Automatic recognition of all electrode connections and their resistance value
- Stores up to 512 complete test results in internal memory
- Optically isolated USB communication cable included
- Display with automatic backlight when entering a function
- Remote set up and operation of all measurements using DataView<sup>®</sup> software supplied
- Automatic report generation
- Rechargeable NiMH batteries from wall charger or vehicle power
- Rugged dustproof and rainproof field case – IP54 rated in closed position
- Grounding standards IEC 61557 parts 4 and 5 compliant
- Includes FREE DataView<sup>®</sup> software for data storage, real-time display, analysis and report generation (see page 38)

#### 4-Point Bond Test



The 4-Point Bond test shows lead connections, bond resistance test results, test voltage and current.

#### 3-Point Fall-of-Potential Test



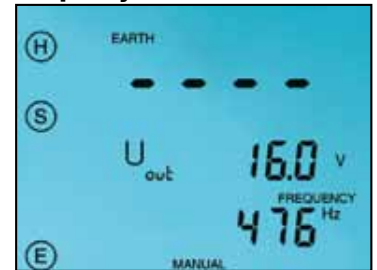
The 3-Point Fall-of-Potential test displays test lead connection, grounding rod resistance and test electrode resistances.

#### Schlumberger Test



The Schlumberger test displays test lead connection, soil resistivity ( $\rho$ ) test results and electrode spacing.

#### Frequency Test



The Frequency selection screen displays selected test frequency and voltage for the test as well as lead connection.

#### Data Storage



Displays test results stored at a specific memory location as well as the test function.

#### Wenner Test



The Wenner test displays test lead connection, soil resistivity ( $\rho$ ) test results, electrode spacing and resistance.

CATALOG NO.	DESCRIPTION
2135.01	Ground Resistance Tester Model 6470-B (2-Point, 3-Point, 4-Point, Bond Test, Digital, Rechargeable Battery, DataView <sup>®</sup> software)
2135.02	Ground Resistance Tester Model 6470-B Kit – 150 ft (Model 6470-B and Catalog #2135.35)
2135.03	Ground Resistance Tester Model 6470-B Kit – 300 ft (Model 6470-B and Catalog #2135.36)
2135.04	Ground Resistance Tester Model 6470-B Kit – 500 ft (Model 6470-B and Catalog #2135.37)
<b>Accessories (Optional)</b>	
2135.35	Test Kit for 3-Point Testing (includes two 150 ft color-coded leads on spools (red/blue), two 5 ft color-coded leads (red/blue), one 30 ft lead (green), two 14.5" T-shaped auxiliary ground electrodes, set of five spaded lugs, 100 ft tape measure and soft carrying bag)
2135.36	Test Kit for 4-Point Testing (includes two 300 ft color-coded leads on spools (red/blue), two 5 ft color-coded leads (red/blue), two 100 ft color-coded leads (hand-tied green/black), four 14.5" T-shaped auxiliary ground electrodes, set of five spaded lugs, 100 ft tape measure and soft carrying bag)
2135.37	Test Kit for 4-Point Testing (includes two 500 ft color-coded leads on spools (red/blue), two 5 ft color-coded leads (red/blue), two 100 ft color-coded leads (hand-tied green/black), one 30 ft lead (green), four 14.5" T-shaped auxiliary ground electrodes, set of five spaded lugs, 100 ft tape measure and soft carrying bag)
2135.38	Ground Test Kit for 3-Point Testing (Supplemental for 4-Point Testing – includes two 100 ft color-coded leads, hand-tied green/black, one 30 ft lead (green), two 14.5" T-shaped auxiliary ground electrodes and soft carrying bag)
2135.85	Caddy – Set of 2, Reel Caddy for use w/Ground Kit Spools ( <b>available on website storefront</b> )