GROUND RESISTANCE TESTERS
DIGITAL TESTERS

IP 65 cover closed | IP 53 cover open | 30 V CAT III | CE | ⧈

MODELS 4620 & 4630

Both models will perform over 2000 measurements for the 15 second tests between recharging or battery replacement

4620 4630

SCAN TO LEARN MORE

MODELS	4620		4630
ELECTRICAL			
Range	20 Ω	200 Ω	2000 Ω
Measurement Range	(0 to 19.99) Ω	(20 to 199.9) Ω	(200 to 1999) Ω
Resolution	10 mΩ	100 mΩ	1 Ω
Open Voltage	≤ 42 V peak		
Measurement Frequency	128 Hz square wave		
Test Current	10 mA	1 mA	0.1 mA
Accuracy	± 2 % of Reading ± 1 ct		± 5 % of Reading ± 3 cts
Aux Electrode Influence			
Max Res. - Current Circuit	3 kΩ	30 kΩ	50 kΩ
Max Res. - Voltage Circuit	50 kΩ		
Response Time	Approximately four to eight seconds for a stabilized measurement		
Withstanding Voltage	250 VAC or 100 VDC		
Power Supply	(8) C cell batteries *(included)*; Alkaline recommended		(120 / 230) V, (50 / 60) Hz Rechargeable 9.6 V, 3.5 A·h NiMH battery pack *(included)*
Battery Life	> 2000 15 s measurements; LO BAT indication on LCD		
Fuse Protection	0.1 A, > 250 V , (0.25 x 1.25) in; 30 kA Interrupt Capacity		

Consult factory for NIST Calibration prices.

FEATURES

- Ground Integrity Measurement
- Measures soil resistivity *(4-Point)*
- Measures ground resistance *(2- and 3-Point)* Fall-of-Potential method
- Step voltage tests and touch potential measurements
- Auto-Ranging: automatically selects the optimum resistance range and test current
- Designed to reject high levels of noise and interference
- Extremely simple to operate: connect/press/hold/read
- LED on faceplate informs operator of high input noise, high auxiliary rod resistance and faulty connections
- Large easy-to-read backlit display
- Battery powered *(Model 4620)*
- AC powered with rechargeable NiMH battery pack *(Model 4630)*
- Rugged dustproof and watertight field case
- Color-coded terminals

PRODUCT INCLUDES

(8) C-cell batteries *(Model 4620)* or rechargeable 9.6 V NiMH battery pack *(Model 4630)*, AC power cord *(Model 4630)*, and user manual.

ACCESSORIES/REPLACEMENTS

CAT. #2130.60
Tape Measure (100 ft)

CAT. #2135.35*
Test Kit for 3-Point Testing – 150 ft

CAT. #2135.36*
Test Kit for 4-Point Testing – 300 ft

CAT. #2135.37*
Test Kit for 4-Point Testing – 500 ft

CAT. #5000.14
AC Power cord *(Model 4630)*

CAT. #2135.38
Ground Test Kit for 3-Point Testing (Supplemental for 4-Point testing – includes (2) 100 ft color-coded leads, (1) 30 ft lead *(green)*, (2) 14.5 in T-shaped auxiliary ground electrodes and soft carrying bag)

CAT. #2130.59
Calibration Checker 25 Ω for Models 3640, 4620 and 4630

KIT SHOWN

4630 KIT (500 ft)

*Refer to page 85 for Test Kit descriptions

CAT. #	DESCRIPTION
2130.43	Ground Resistance Tester Model 4620 (Digital, 4-Point, Battery Powered)
2130.44	Ground Resistance Tester Model 4630 (Digital, 4-Point, Rechargeable Battery)
2135.19	Ground Resistance Tester Model 4620 Kit – 150 ft (Model 4620 and CAT. #2135.35)
2135.20	Ground Resistance Tester Model 4620 Kit – 300 ft (Model 4620 and CAT. #2135.36)
2135.21	Ground Resistance Tester Model 4620 Kit – 500 ft (Model 4620 and CAT. #2135.37)
2135.22	Ground Resistance Tester Model 4630 Kit – 150 ft (Model 4630 and CAT. #2135.35)
2135.23	Ground Resistance Tester Model 4630 Kit – 300 ft (Model 4630 and CAT. #2135.36)
2135.24	Ground Resistance Tester Model 4630 Kit – 500 ft (Model 4630 and CAT. #2135.37)

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