

Ground Resistance Testers

Analog / Digital Testers

Models 17553 & 17554

Performs ground resistance measurement with speed and accuracy

► SPECIFICATIONS

MODELS	17553	17554		
Measurement Types	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			



► FEATURES

- Measures ground resistance (2- and 3-Point) Fall-of-Potential method
- Large analog display (Model 17553)
- Large LCD digital display (Model 17554)
- Designed to reject high levels of noise and interference
- Auto-Ranging: automatically selects the optimum range (Model 17554)
- Battery powered
- Extremely simple to operate: connect - press - read
- Error indicator lights
- Rugged dustproof and rainproof case
- Color-coded terminals and lead identification



Model 17554 Kit – 300 ft shown

Please call (800) 293-2001 for Kit descriptions

UTE P/N

DESCRIPTION

17553-00	Ground Resistance Tester Model 17553 Kit – 300 ft
17554-00	Ground Resistance Tester Model 17554 Kit – 300 ft
17555-00	Calibration Checker – 25Ω for Models 17553 & 17554