



- 350 Memory locations value with both two and three wires
- RS232 interface (R_{AVG})
- Resistivity • Calculation of resistivity average value
- 2 Wire earth resistance measurements (ρ_{AVG})
 - 4 Wire method
- Three wire earth resistance measurements (3 WIRES)

Technical Overview



Model Specification

Earth Resistance Measurement					
Range (2-, 3-wire)	0.0 - 19.99 Ω	20.0 - 199.9 Ω	200 - 1999 Ω	2.0 - 1999k	20 - 499k
Resolution	0.01 Ω	0.1 Ω	1 Ω	0.01k	0.1k
Accuracy	$\pm 2.5\% + 2$ Digits				
Measuring Frequency	125Hz / 75Hz/41.66Hz ± 1 Hz				
Test Current	≤ 12 mA AC				
Open Circuit Voltage	≤ 25 V AC TRMS				
Wave form of test voltage	Sinusoidal				
Ground Resistivity Measurement					
Ω m Range ρ (4 wire)	0.6 - 19.99	0.125 - 1.256k Ω m	1.25 - 19.99k Ω m	20.0 - 199.9	0.2 - 3.15M
Resolution	0.1 Ω m	0.001k Ω m	0.01k Ω m	0.1k Ω m	0.01M
Accuracy	$\pm 2\% + 3$ Digits				
Measuring Frequency	125Hz, 75Hz, 41.66Hz ± 1 Hz				
Test Current	≤ 10 mA				
Open Circuit Voltage	≤ 30 V				
Wave form of test voltage	Sinusoidal				
Measurement of Disturbance voltage					
Range	500V				
Resolution	1V				
Accuracy	$\pm 2\% + 3$ digits				
Power Source	6 x 1.5V AA Batteries (about 500 tests)				
Standard Accessories	Cables and 4 rods, Carry case, Instruction manual, Test Leads (Lengths: Red - 13m, Blue - 20m, Green - 6m, Black - 6m)				
Optional Accessories	Software and USB Cable TOPVIEW2006				
Certificates	UL, IEC61010-1. Calibration Certificate ISO9000.Certificate of Conformance				



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Instruments Earth Resistance Testers

T416

- Earth Resistance Tester
- Calculation of earth resistance average

T1805

- Analogue Earth Resistance Tester
- Large display
- T aut band movement
- 2 and 3 Wire tester



CAT III 150V

Technical Overview

Feature	Parameter	Accuracy
Earth Resistance (Ω)	Resistance: 10, 100, 1.000 Ω	$\pm 2.5\%$ of full scale
Earth Voltage (V)	30V AC (5k Ω /V)	$\pm 1\%$ of full scale
Measuring System	Resistance: (Constant current inverter 820Hz approx, 2mA) Voltage: rectifier type 0 - 30V AC, 40~500Hz	
Withstand Voltage	1.500V AC (one minute)	$\pm 1.8\%$ + 4 Digit

Power Source	8 x 1.5V AA Batteries
Standard Accessories	Test Leads (Lengths: Red - 1m and 15m, Yellow - 10m, Green - 5m) Earth Spikes, Shoulder Belt, TAL36 (P57)
Certificates	UL, IEC61010-1. Certificate of Conformance*

Model Specification

* Calibration performed with supplied test leads