

Megger® Ground Resistance Testers

Three-Terminal Ground Resistance Testers

The MEGGER® DET3TD is a digital tester with an expanded resistance range and selectable 25/50V test voltage. It rejects noise up to 40V p-p and measures earth voltages up to 100V. The DET3TC adds an ART (Attached Rod Technique) resistance measurement and earth current measurements from 0.5mA to 19.9A with the optional current clamp.

All DET3 and DET4 models are CAT IV 100V and IP54 rated. Test leads and carrying case are included.



DET3TC



DET4TCR2+Clamps

Four-Terminal Ground Resistance Testers

Addition of a fourth terminal permits soil resistivity testing as well as more precise resistance (installed ground) measurements.

The new DET4TD2 offers the same features as the DET3TD, but with 4-terminal capability and a 20k Ω upper resistance limit. The DET4TC2 increases this to 200k Ω . The DET4TCR2 has rechargeable batteries that can be charged from the AC mains or a vehicle battery (with optional adapter). The DET4TC2 and DET4TCR2 offer 4 test frequencies for testing in noisy environments. Both models can be ordered with clamps to perform the stakeless test method, like a clamp style earth tester. A backlit LCD provides improved visibility in dark locations.

For testing in extreme electrical environments, the DET2/2 offers full autoranging, 0.001 Ω resolution, adjustable test frequency and additional interference filtering.



DET2/3



DET4TCR2

ORDERING INFORMATION

Model No.	Measurement	Resistance	Voltage	Gnd Current	Power Source	Display	Test Leads
DET2/3	2/3/4 Term.	0.001 Ω - 20k Ω	50V max.		Rechargeable Battery	Graphic	P/N 1008-969 includes 50m leads
DET3TD	2/3 Term.	0.01 - 2000 Ω	0 - 100V		Battery	Digital	included
DET3TC	2/3 Term. + ART*	0.01 - 2000 Ω	0 - 100V	0.5mA - 19.9A*	Battery	Digital	included
DET4TD2	2/3/4 Term.	0.01 Ω - 20k Ω	0 - 100V		Battery	Digital	included
DET4TC2	2/3/4 Term.	0.01 Ω - 200k Ω	0 - 100V		Battery	Digital	included
DET4TC2+Clamps	2/3/4 Term. + stakeless	0.01 Ω - 200k Ω	0 - 100V	0.5mA - 19.9A	Battery	Digital	included
DET4TCR2	2/3/4 Term.	0.01 Ω - 200k Ω	0 - 100V		Rechargeable Battery	Digital	included
DET4TCR2 +Clamps	2/3/4 Term. + stakeless	0.01 Ω - 200k Ω	0 - 100V	0.5mA - 19.9A	Rechargeable Battery	Digital	included

* Attached Rod Technique (ART) requires optional current measuring clamp.