

Megger® Clamp-on Testers

NEW



Ground Resistance Testers

- Easy, fast clamp-on operation – No rods or cables needed
- Measure ground resistance from 0.05Ω to 1500Ω
- Measure ground leakage or phase current from 0.5mA to 35A
- Auto ranging with high & low alarms
- Automatic self calibration
- Data storage & USB interface

◀ **DET24C**

APPLICATIONS

- Measure resistance and continuity of grounding loops around pads, poles and buildings.
- Check multi-grounded systems without disconnecting the ground rod/stake under test.
- Measure leakage current flowing to ground or circulating in ground systems.
- Use on cell towers, RF transmitters and telecom sites.
- Inspect and verify lightning protection systems.
- Test consumer installations, including pools, spas, etc.

FEATURES

- Backlit LCD display can be read in bright sunlight.
- Large 39 x 55mm jaw with 39mm (1.5") opening.
- Noise filter for stable readings in noisy environments.
- Hold function for difficult to reach installations.
- 24 hour battery life with auto-off to save on battery power.
- Two alarms with adjustable threshold & audible indication.
- Stores 2000 test results (DET24C).
- Calibration check loop insures proper operation.
- CAT IV 600V safety rating.

Range	Resolution	Accuracy	Range	Resolution
0.05 - 0.99Ω	0.01Ω	±1.5% ± 0.05Ω	0.5 - 0.99mA	0.01mA
1.00 - 9.99Ω	0.01Ω	±1.5% ± 0.1Ω	1.00 - 9.99mA	0.01mA
10.0 - 99.9Ω	0.1Ω	±2% ± 0.5Ω	10.0 - 99.9mA	0.1mA
100.0 - 199.9Ω	0.1Ω	±5% ± 1Ω	100 - 999mA	1mA
200 - 400Ω	1Ω	±6% ± 5Ω	1.00 - 9.99A	0.01A
400 - 600Ω	1Ω	±10% ± 10Ω	10.0 - 35.0A	0.1A
600 - 1200Ω	10Ω	±20%		
1200 - 1500Ω	10Ω	±35%		

TRMS reading, CF<5, 50-400Hz
Basic Accuracy 2% @ 50/60Hz

Model DET24C includes USB interface, IrDA dongle and software for downloading test data. Both models include batteries, carrying case, carrying strap & calibration loop.

ORDERING INFORMATION

ME/DET14C	Digital Earth Test Clamp-on Meter
ME/DET24C	Digital Earth Test Clamp-on Meter with USB

Hioki Battery Testers



◀ **3554**

- Test without disconnecting the batteries
- Three level indication: Pass, Warning, Fail
- Audible beeper (3555)
- PC Interface & software (3554)

Get an instantaneous check of battery condition based on internal resistance and voltage.

Model 3554 for medium and high capacity lead-acid batteries. Model 3555 for compact storage batteries used in portable telephones and similar applications.

SPECIFICATIONS

	3554	3555
Measurement Ranges:		
Ohms:	3μΩ-3Ω	300μΩ-30Ω
# Ranges	4	3
Best resolution	1μΩ	100μΩ
Accuracy	0.8% rdg +6d	0.8% rdg +6d
Test Current	150mA-1.5mA	5mA-50μA
DC Volts	±6V, ±60V	±3V, ±30V
Best resolution	1mV	1mV
Accuracy	0.08% rdg +6d	0.1% rdg +6d
Temperature	-10 to +60°C	--
Resolution	0.1°C	--
Test Frequency	1kHz	1kHz
Max. Input	60V DC	50V DC
Comparator	Hi & low ohm limit, low volt limit (both models)	
# Limit Sets	200 stored	10 stored
Data Memory	4800 data/limit sets	--
Alert	LCD icon	LED & Beeper
Batteries	9 x AA	6 x AA
Life	up to 10 hrs	up to 18 hrs
PC Interface	USB	--
Operating Temp.	0-40°C, <80% RH non-condensing	
Dimensions	7.7 x 5.1 x 2.2" (196x130x55mm)	

SUPPLIED ACCESSORIES

3554	Pin-type test leads, USB cable, data management software, carrying case, zero adjust board, batteries, spare fuse
3555	Pin-type test leads, batteries.

ORDERING INFORMATION

HK/3554	Battery Tester (lead-acid batteries)
HK/3555	Battery Tester (portable batteries)
HK/9382	Carry case for 3555
HK/9453	4-terminal lead set
HK/9466	Remote Control Switch for 3554