

# Earth Testers



**PACIFIC TEST**  
equipment

## Clamp-on Earth Testers for solid MEN systems only

**AEMC 6416/6417**



- Cat 4, 600V
- Earth Resistance to 1500Ω
- Resolution 1mΩ
- Test frequencies 50, 60, 128 & 2083Hz
- Jaw dia 35mm
- Current to 40A
- Resolution 1μA
- Inductance 10 to 500μH
- Memory for 300 tests (6416), 2000 tests (6417)
- Bluetooth interface with DataView software (6417 only)

## Economical 4-pole Multi-function Earth Tester for isolated & in-service electrode resistance & soil resistivity



**Sone! MRU-30**



- Cat 3, 300V
- 3 & 4-pole earth resistance to 10kΩ
- Selective measurement for in-service to 10kΩ with optional clamp
- Stakeless measurement to 100Ω with additional optional clamp
- Direct measurement of

Soil Resistivity in Ω-m to depth of 50m

- 2-pole resistance to 10kΩ
- Resolution 10mΩ
- Test voltage 25/50V
- Test frequency 125Hz
- Max test current 20mA
- Max resistance of test probes 20kΩ
- Weatherproof to IP65
- Supplied with test kit & carry bag

## Economical 3-pole hand held earth tester for measurement of isolated electrodes



**Sone! MRU-10**



- Cat 4, 150V
- 3-pole earth resistance to 10kΩ
- 2-pole resistance to 10kΩ
- Resolution 10mΩ
- Test voltage 25/50V
- Test frequency 125Hz
- Max test current 20mA
- Max resistance of test probes 20kΩ
- Weatherproof to IP67
- Supplied with test kit & carry bag

## Economical heavy duty multi-function Earth Tester – High current for all types of earthing systems



**Sone! MRU-120HD**



- Cat 4, 300V
- 3 & 4-pole earth resistance to 20kΩ
- Resolution 10mΩ
- Accuracy 2%
- Selective measurement for in-service to 20kΩ with optional clamp
- Stakeless measurement to 150Ω with additional optional clamp

- Direct measurement of Soil Resistivity in Ω-m to depth of 50m
- 2-pole resistance to 20kΩ
- Test voltage 25/50V
- Test frequency 125Hz
- Max test current 200mA
- 800 10Ω tests per charge
- Max resistance of test probes 20kΩ
- Weatherproof to IP66 (lid closed)
- Supplied with test kit & carry bag
- Choice of customised test kits

**Distributed and serviced by:**

**Pacific Test Equipment Pty Ltd**

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## Professional heavy duty multi-function Earth Tester for all types of earthing systems



**AEMC 6471**



- Cat 4, 50V
- 3 & 4-pole earth resistance to 100k $\Omega$
- Resolution 10m $\Omega$
- Accuracy 2%
- Selective measurement for in-service to 100k $\Omega$
- Stakeless measurement to 500 $\Omega$
- Measurement of Soil Resistivity by Wenner or Schlumberger methods
- Direct display of soil resistivity in  $\Omega$ -m to depth of 100m
- 2/4-pole bonding resistance to 100k $\Omega$
- Test voltage 16/32V
- Auto/manual test frequency selection
- Test frequency 41 to 513Hz, 128 to 1758Hz Stakeless
- Max test current 250mA
- Weatherproof to IP53 (lid closed)
- Memory for 512 tests with USB interface & DataView software
- Supplied with clamps test kit & carry bag
- Choice of customised test kits

## Professional heavy duty multi-function Earth Tester with additional features



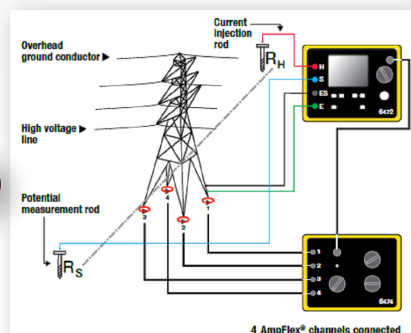
**AEMC 6472**



- Measurement of earth impedance for lightning protection
- 2/4-pole bonding resistance to 100k $\Omega$
- Test voltage 16/32V
- Auto/manual test frequency selection
- Test frequency 41 to 5078Hz, 128 to 1758 Hz Stakeless
- Sweep frequency mode
- Max test current 250mA
- Step potential measurement
- Weatherproof to IP53 (lid closed)
- Memory for 512 tests with USB interface & DataView software
- Supplied with clamps test kit & carry bag
- Choice of customised test kits
- Cat 4, 50V
- 3 & 4-pole earth resistance to 100k $\Omega$
- Resolution 10m $\Omega$
- Accuracy 2%
- Selective measurement for in-service to 100k $\Omega$  with optional clamp
- Stakeless measurement to 500 $\Omega$  with second optional clamp
- Measurement of Soil Resistivity by Wenner or Schlumberger methods
- Direct display of soil resistivity in  $\Omega$ -m to depth of 100m

## Measures the combined earth resistance of multiple-legged structures

### AEMC 6474 GroundFlex Adaptor



- Used in conjunction with AEMC 6472
- Measures and totalises the earth resistance of up to 4 legs without isolation
- Utilises 4 x 5m Rogowski coils
- Earth resistance measurement up to 100k $\Omega$
- Resolution 1m $\Omega$
- Accuracy 5%

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