



Megger Multifunction Tester User Guide

[Home](#) » [Megger](#) » Megger Multifunction Tester User Guide 

Megger^R

MFT70 Quick Start Guide



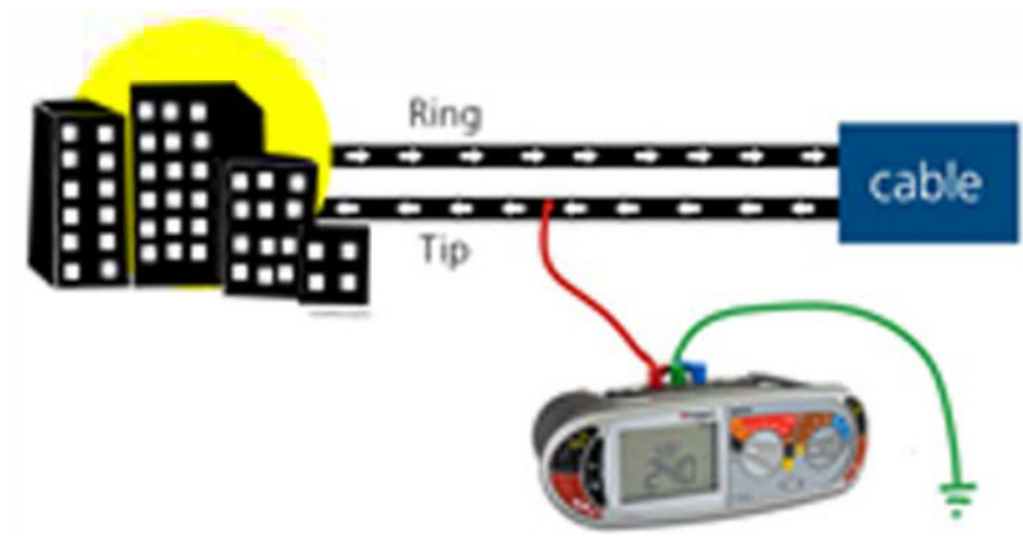
5 Commonwealth Ave
Woburn, MA 01801
Phone 781-665-1400
Toll-Free 1-800-517-8431

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Contents

- [1 MEASURING VOLTAGE](#)
- [2 TEST THE PAIR FOR ALTERNATING CURRENT AND DIRECT CURRENT VOLTAGE](#)
- [3 MEASURING CONTINUITY](#)
- [4 MEASURING INSULATION RESISTANCE](#)
- [5 MEASURING GROUND RESISTANCE](#)
- [6 Documents / Resources](#)
 - [6.1 References](#)
- [7 Related Posts](#)

MEASURING VOLTAGE



TIP to GROUND

For all 3 setup configurations:

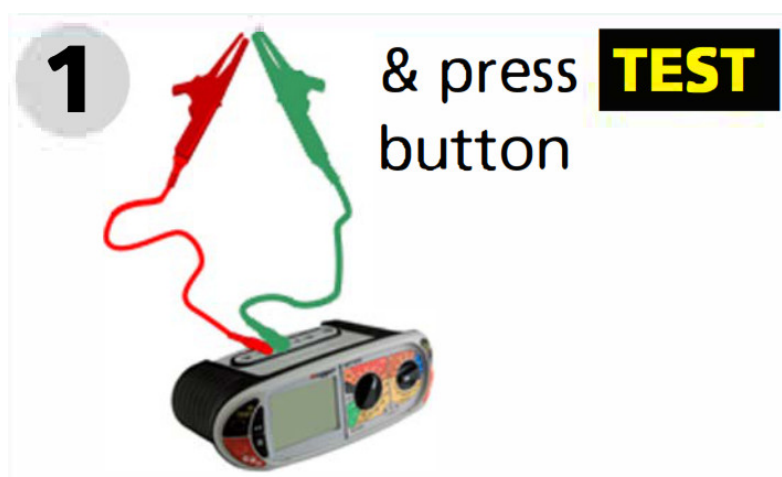
$V_{AC} < 10$ = Proceed to the next test

$V_{AC} \geq 10$ = Fault must be cleared

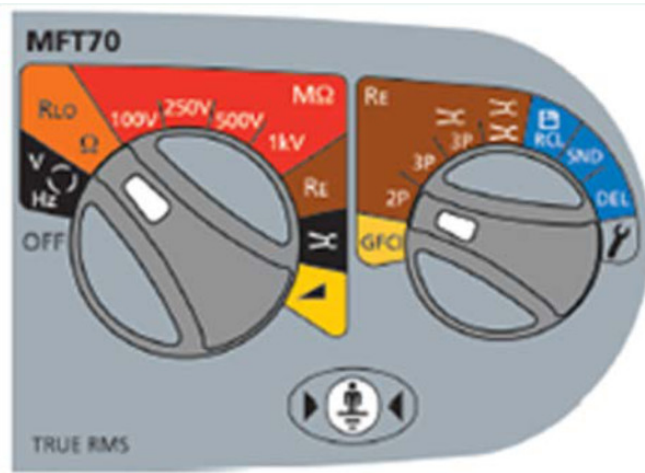
$V_{DC} < 3$ = Proceed to the next test

$V_{DC} \geq 3$ = Fault must be cleared

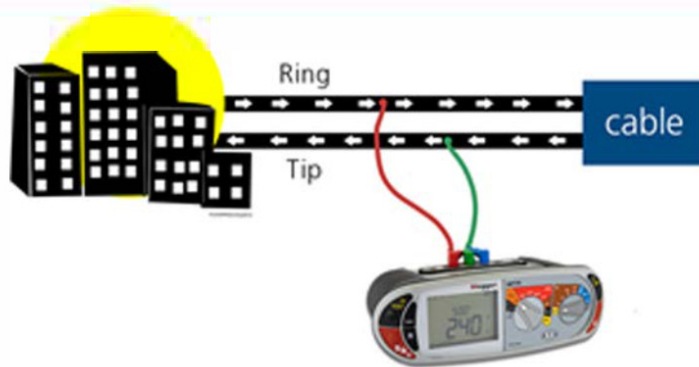
MEASURING CONTINUITY



2



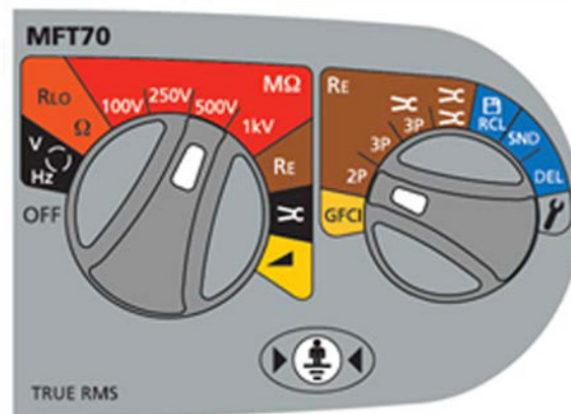
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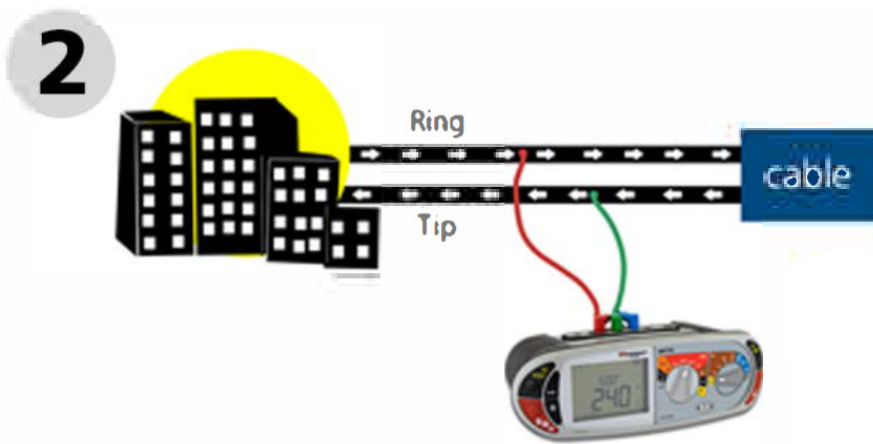


click the mode button to toggle the continuity buzzer ON/OFF

MEASURING INSULATION RESISTANCE

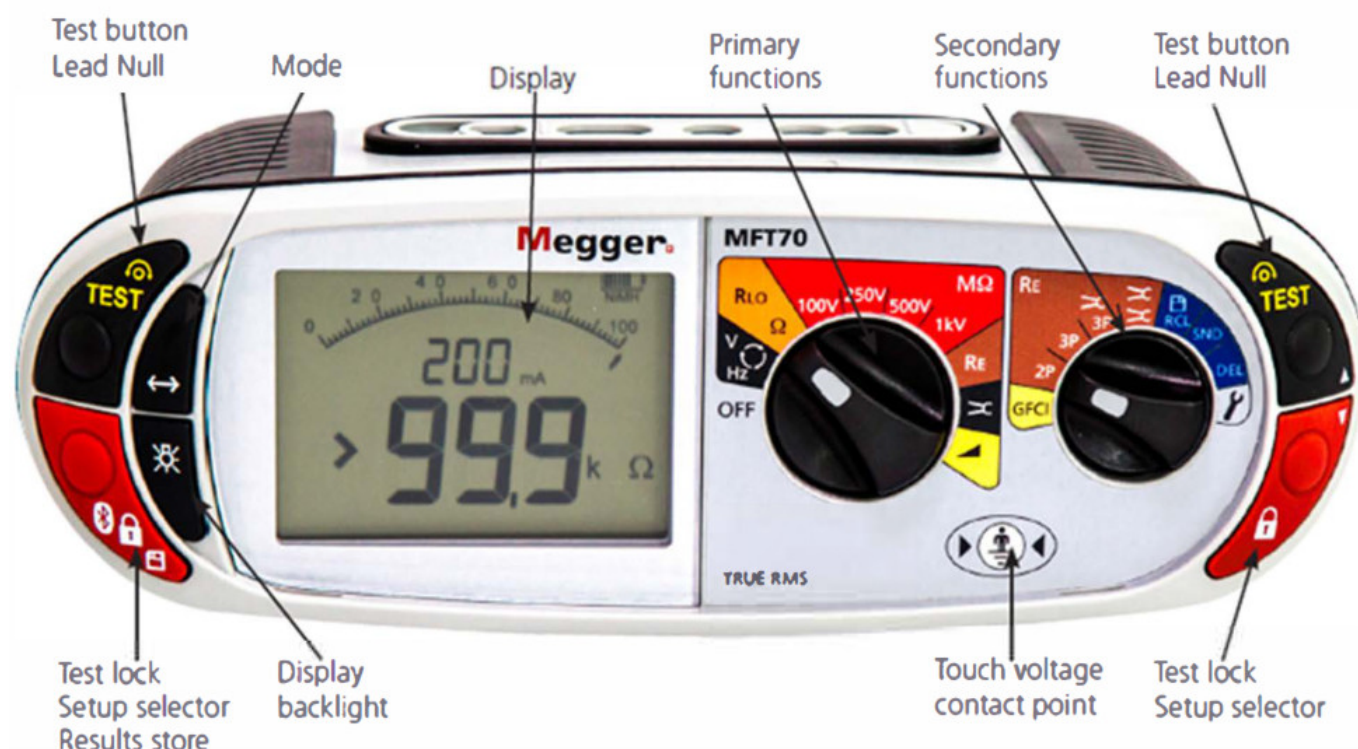
1





3 Press and hold **TEST** button

To lock the test, hold down either TEST button, followed by either of the RED lock buttons below. There's a 500VDC MAX Insulation Resistance Voltage Testing as per Telecom Standards! The field pair must be OPEN at end of loop to properly conduct an insulation resistance test.



To store your test results:

1. Press lock & release
2. Using the right test/lock buttons, scroll until the test you need is reached.
3. Press lock & release again to display the remaining options & use the right buttons (above) to scroll again.
4. Press lock & hold until 'Str Ok' is displayed.

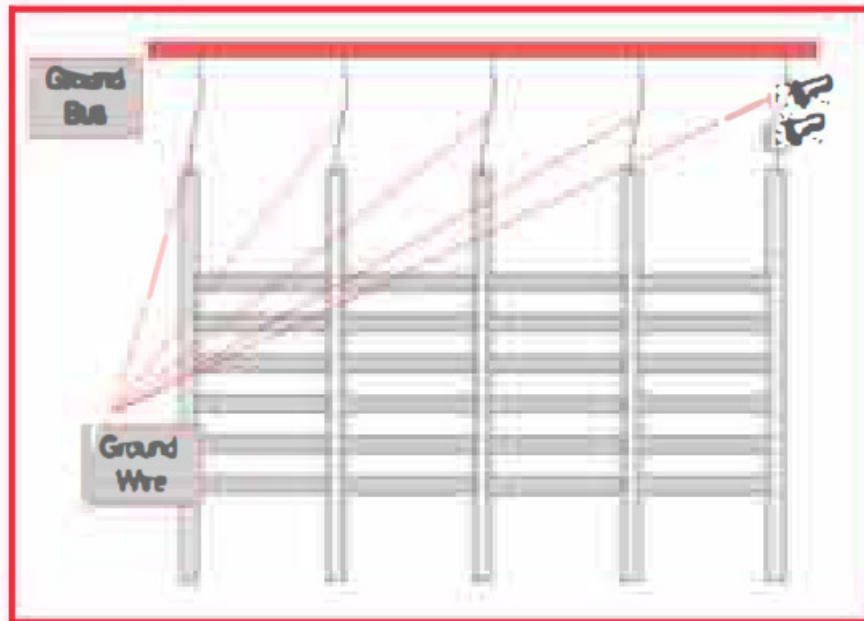
MEASURING GROUND RESISTANCE

2-CLAMP STAKELESS

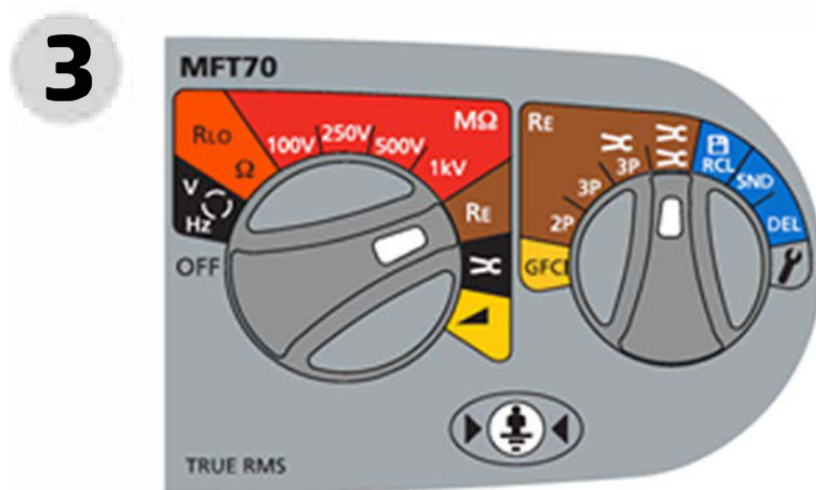
Testing Unbalance in Central Office, Hubs, and Head Ends

1 Set the left rotary switch to OFF

2

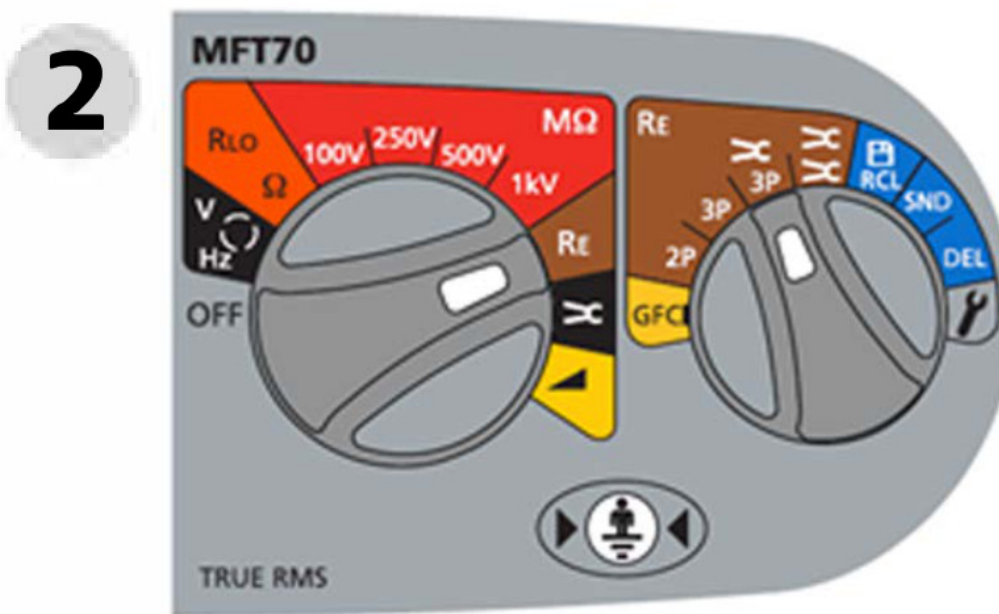
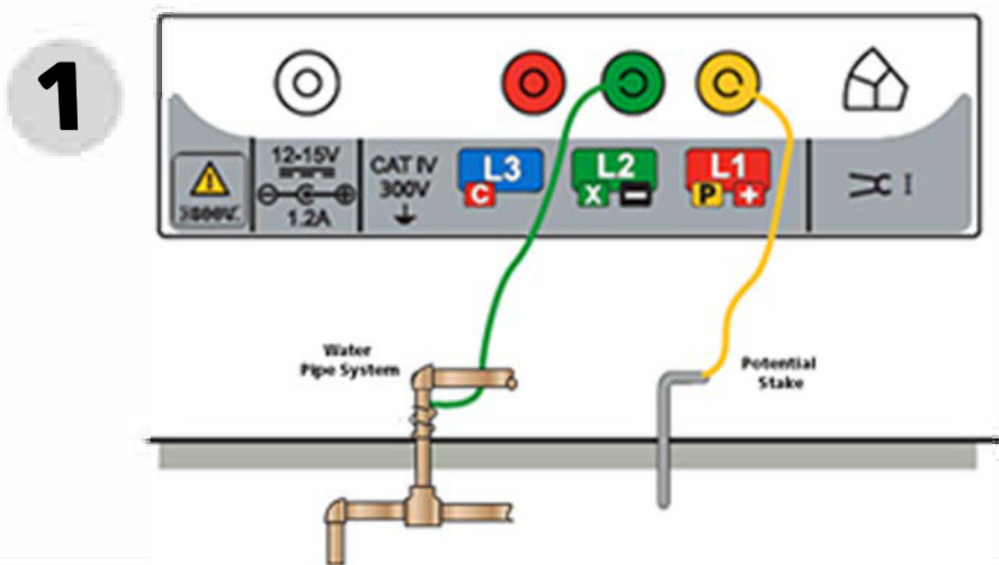


Close the current clamp and then the voltage clamp around the conductor under test.
Make sure there's a minimum separation of 100 mm (4 inches) between the current and voltage clamp.



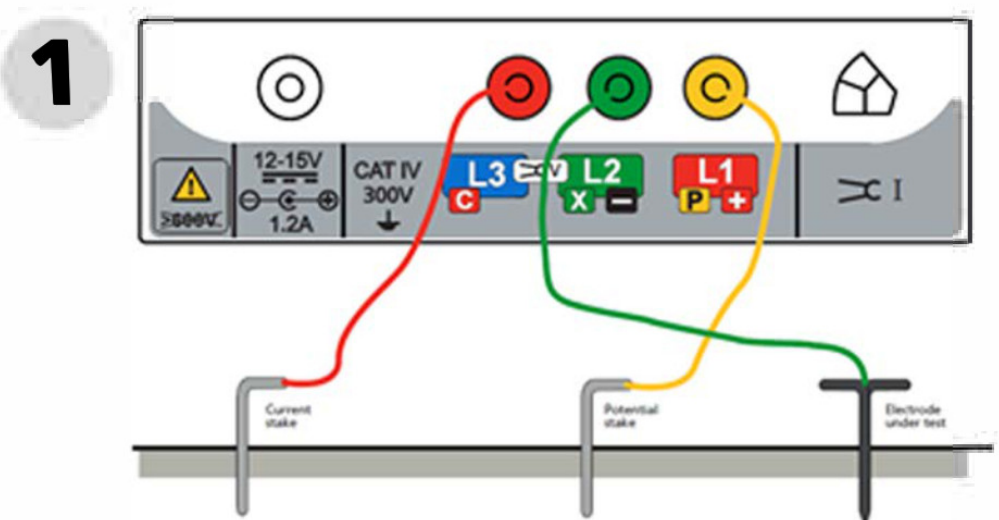
4 Press **TEST** and release

2-POLE

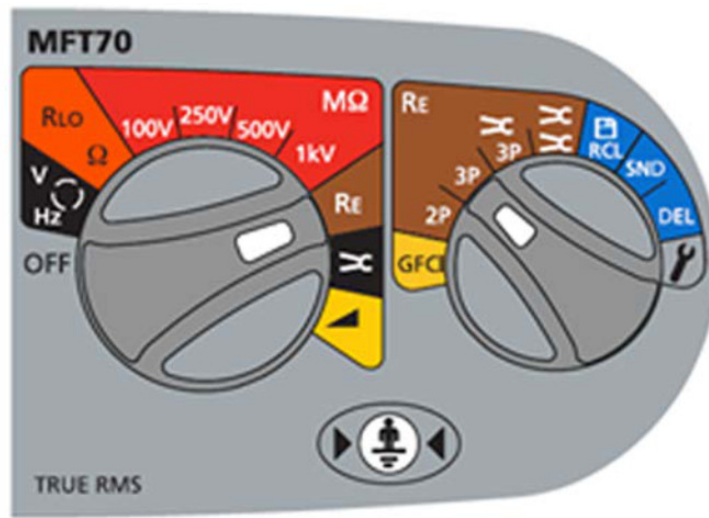


3 Press **TEST** and release

3-POLE



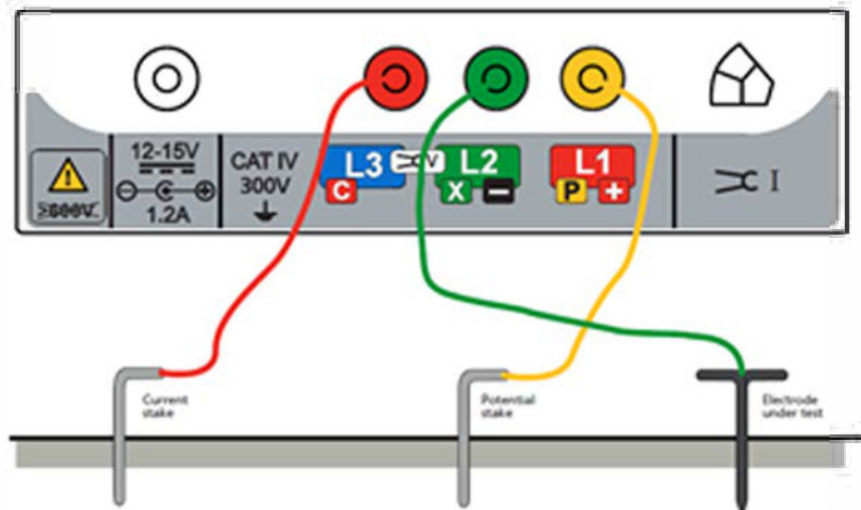
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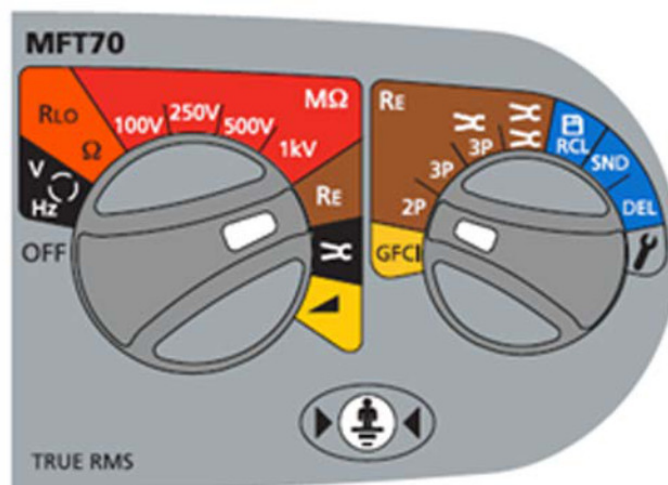
3 Press **TEST** and release

3-POLE

1

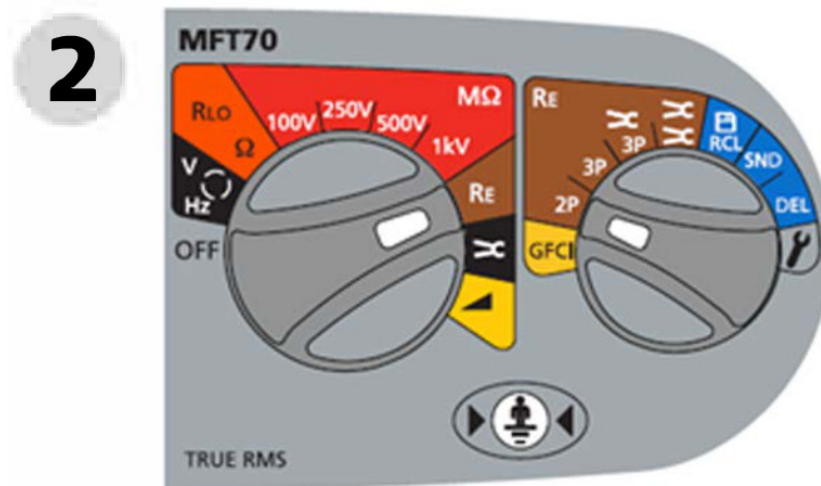
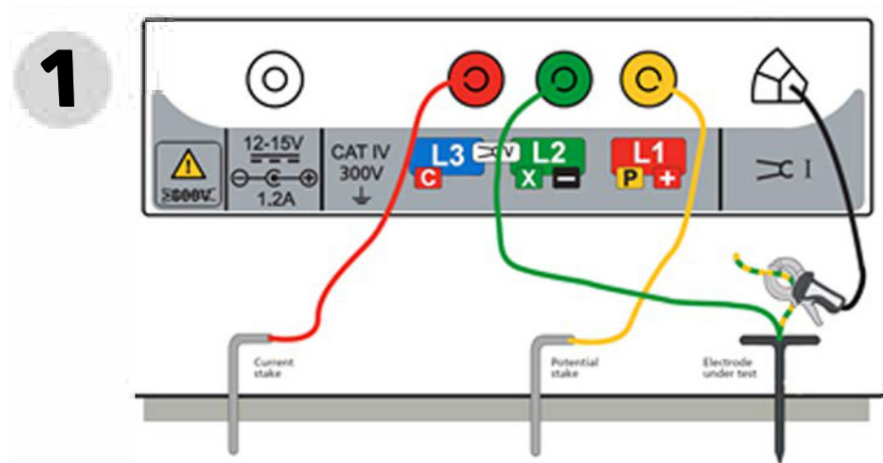


2



3 Press **TEST** and release

3-POLE



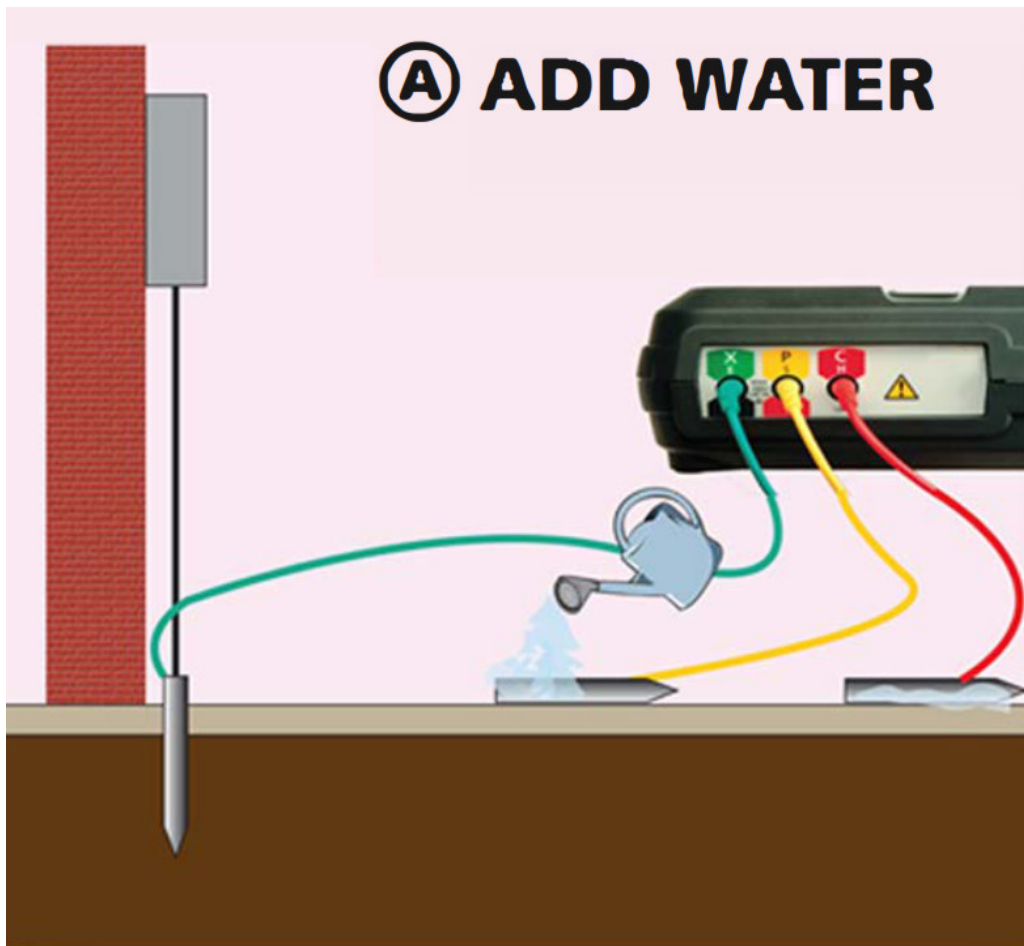
3 Press **TEST** and release

Ensure that the Megger Current Clamp jaw mating surfaces are free of dust and contamination!

3- POLE



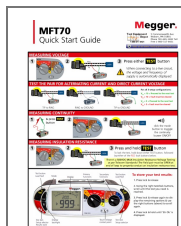
Use this method if you're working with concrete slabs or asphalt!



Simple lay the probes on their sides and spray with water to make the connection.

Test Equipment Depot – 800.517.8431 – 5 Commonwealth Ave, MA 01801 – TestEquipmentDepot.com

Documents / Resources



[Megger Multifunction Tester](#) [pdf] User Guide
Multifunction Tester, MFT70

References

- [Welcome to the Test Equipment Depot, your test equipment supplier of all the best brands.](#)
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