



## MT500 Insulation Tester

The MT500 is a rugged, compact and easy to use Insulation and Continuity Tester. The instrument offers three insulation test ranges: 250V, 500V and 1000V, a 3Ω continuity range and a 500Ω resistance range. This meter is not only equipped with a "Live Circuit Warning" but also displays the actual AC voltage measurements of the mains supply. The scale has a backlight which is ideal when working in dimly lit environments.



### Features

- Three test ranges 250V-500V-1000V
- 600V AC voltage range
- Live Circuit warning and buzzer
- Data Hold function
- 1mA output current on insulation test
- 200mA short circuit on continuity range
- Automatic discharge after test
- Front panel zero adjustment for test lead resistance
- Lock down Test Button for continuous use
- Hands free strap and magnet supplied as standard accessories
- Rubber overmould housing
- Illuminated display

Function	Range	Accuracy
Insulation resistance	250V - 100MΩ	±(5.0%)
Insulation resistance	500V - 200MΩ	±(5.0%)
Insulation resistance	1000V - 400MΩ	±(5.0%)
Short circuit current	1.3mA	
Measuring Current	200mA@4.5V	
AC voltage	0 - 600V	±(3.0%)
Resistance	3Ω - 500Ω	±(3.0%)
Size	200 x 92 x 50mm	
Weight	700g	



Colour Coded Display  
& LED Backlight



Lock down test button  
for continuous use



500Ω Resistance



Measures ACV



### MT500 | Analogue Insulation Tester

Contact Us  
South Africa

[www.major-tech.com](http://www.major-tech.com) [sales@major-tech.com](mailto:sales@major-tech.com)

Australia

[www.majortech.com.au](http://www.majortech.com.au) [info@majortech.com.au](mailto:info@majortech.com.au)