



# easytest MEGA

combination PAT and RCD tester

The easytest MEGA is Australian designed and manufactured. Its design features incorporate those that won the Electronics & ICT Association 2008 Engineering Excellence Award (Small Business Category)

Instructional videos on our website  
[www.easytest.com.au](http://www.easytest.com.au)

## **Features:**

Continuous simultaneous live test results  
Backlight LCD display  
Microprocessor controlled  
Simple PASS or FAIL indication  
Class1 power-up earth leakage testing  
Class2 power-up earth leakage testing  
Earth Resistance testing  
Insulation Resistance continuity check  
Insulation Resistance 250V/500V testing  
RCD trip time testing

**Portable RCD trip time testing without the need for an isolation transformer**

Portable RCD PAT testing  
Tests extension leads and power boards  
Polarity testing  
Meets AS 61010.031-2004  
Meets AS/NZS 3760:2003



## **Electrical Specifications:**

Input supply = 240Vac 50Hz  
Output power = 240Vac 10amp

## **Earth Resistance:**

Voltage = 3 to 5Vdc  
Current = 103mA +/- 1%  
PASS/FAIL = 1 ohm +/- <5%

## **Earth Leakage:**

Class1 PASS/FAIL = 5mA +/- <5%  
Class2 PASS/FAIL = 1mA +/- <5%

## **RCD trip time:**

No trip test = 13mA +/- <5%  
Trip test = 30mA +/- <5%  
Time accuracy = +/- 2 milliseconds

## **Dimensions:**

Weight = 1.3Kg  
Size = 165(L) x 170(W) x 55(D)mm

## **Insulation Resistance:**

Continuity test = 250Vdc +/- <10%  
Continuity PASS/FAIL = 900K +/- 20%  
250V test = 250Vdc +/- <10% @ 1M ohm  
500V test = 500Vdc +/- <10% @ 1M ohm  
IR PASS/FAIL = 1M ohm +/- <5%  
Current limit = <1.5mA

## **Accessories included:**

Test probe  
Alligator clip  
IEC adaptor lead  
Step by step instructions on back of unit  
Extension lead test result analysis chart  
Adhesive feet  
Sturdy protective storage box

## **Options:**

High output power units made to order