

# WCM-RCD

## Digital RCD Tester



The **WCM-RCD** is a microprocessor based Residual Current Device Tester or an Earth Leakage Circuit Breaker Tester that meets today's standards of safety and performance.

The WCM-RCD unit is a very high quality instrument used by professionals to obtain

accurate values of protection time whilst a selectable fault current is injected to the earth. RCD trip time can also be easily measured at the power outlet.

It tests all conventional RCD safety switches in electrical installations and extension leads.

### Features

- Digital voltage reading line to earth
- Over temperature protection
- Mains supply test
- Auto power off
- RCD time trip
- RCD ramp current test
- 0 and 180 degree phase angle testing
- Microprocessor controlled for highest accuracy & reliability
- 3 year warranty
- Fully conforms AS/NZ 3760 : 2010 standards
- Delayed function test
- Display change to **Red** for failed test

# SPECIFICATIONS

The WCM-RCD uses an in-built microprocessor for achieving high accuracy and reliability. It detects a voltage presence and will automatically start and stop the tests.

AC voltage measurements between line and earth are measured and displayed before the start of tests.

The LED's display a safety status indication of the mains supply. The test current and phase angles of 0/180 degrees can be easily changed via the main menu.

The WCM-RCD comes with a 3 year warranty.

## Technical Specifications

<b>Trip Current Range:</b>	10, 30, 100, 300, 500 & 650mA
<b>Time Trip:</b>	Up to 450ms readout for testing latest delay action breakers
<b>Ramp Current Test:</b>	0 - 650mA depending on range selection
<b>Voltage Test Range:</b>	240VAC $\pm 10\%$ $-6\%$ @ 50Hz
<b>Trip Test:</b>	0 & 180° Waveform from zero crossing
<b>Temp Cut Out:</b>	65°C
<b>Warning Indicators:</b>	<ul style="list-style-type: none"> <li>Faulty Earth Detect</li> <li>Out of Voltage Range</li> <li>Backlight Changes to Red</li> <li>Mains Supply Wiring Condition Monitor</li> </ul>
<b>Battery Operated:</b>	4 AA Batteries, 20mA Standby Mode
<b>Auto Off:</b>	Approx. 1 min after no button operation
<b>Display:</b>	3" Digital LCD Display, 55mm x 40mm
<b>Mechanical:</b>	L: 210mm x W: 71mm x H: 51mm
<b>Safety:</b>	<ul style="list-style-type: none"> <li>Cat III, 600 V</li> <li>Double Insulated</li> <li>IP 40</li> <li>Resistance to mechanical shock: 1G</li> </ul>
<b>Calibration:</b>	The manufacturer recommends a calibration alignment procedure to be carried out every 12 months for conformity checks standards and references.

## Contents

- RCD Tester
- User Manual
- Detachable IEC Power Cord

## Order Information

Digital RCD Tester

| Part No: **WCM-RCD**

## Options

- WCM-ISOT (Isolation Transformer)

## Contact us

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