

SOCKET & SEE™

RCD PRO Professional RCD Tester



- Tests most commonly found RCD types (AC, A, ACS)
- Simple auto test for 30mA RCDs
- Ramp test for convenience
- x $\frac{1}{2}$, x1 test on all RCD types
- x5 test on 30mA RCD's
- Auto 0° - 180° toggle
- AC Voltage VLN
- Distribution Network Operator (DNO) polarity test pad
- Result recall
- Polarity, voltage present LED
- Measurement category CAT IV 300V

Description

The RCD PRO is a digital RCD tester that will test the most commonly encountered RCD's to current standards. This includes standard (AC) type, selective (ACS) type and A type RCD's.

The Socket & see RCD PRO shares many features of advanced, more expensive multifunction testers, including ramp and auto testing. Advanced features such as hands free and built in polarity test pad offer extra user convenience and safety.

Encased in a tough rubber boot with large back lit screen, the RCD PRO is a 'go anywhere' tool that is designed to survive frequent use. The smooth rotary dial and large buttons both make for ease of use, even when wearing gloves. The RCD PRO is also easy to maintain with a clean damp cloth and mild detergent.

30mA Auto Test

The 30mA auto test is available for A and AC type RCD. The tester will monitor the mains for correct polarity and voltage. If parameters are correct the Volts Present LED will illuminate green and a test can be carried out. On pressing the test button. The auto

test will begin. X $\frac{1}{2}$, x1 and x5 tests will automatically be carried out at 0° and 180°. The results can be seen by using the recall button to toggle through results.

RCD Manual Testing

Select the required RCD type on the rotary dial. Then use the multiplier button to select the required test current. If the mains polarity and voltage is correct the green volts present LED will illuminate and a test can be carried out by pushing the test button. The first test will always be done at 0° the tester will then automatically cycle to 180° ready for the next test..

Ramp Test

Rather than applying a set test current this gradually increases the level of additional leakage to identify at what current the RCD trips.

Hands Free

The Hands Free function can be used with any RCD test. Select the required RCD type on the rotary dial. Press the Hands Free button HANDSFREE will be displayed on the screen. Once the tester is connected, correct voltage and polarity is confirmed a RCD test will be conducted without TEST being pressed.

Polarity Test Pad

It is a little known fact that a system can be reverse wired with Live (Phase) to earth/neutral and earth/neutral to Live (Phase) The sockets will all work and conventional testers will show and test that everything is correct despite this very dangerous wiring condition.

The Socket & See PDL PRO is fully BS EN 61010 and BS EN 61557 certified.

EMC compliance - BS EN 61326.

Specification

Supply Voltage	195V - 253V AC 50Hz
RCD Trip Time	
Measurement Range	5 ms - 1999 ms
Operating Range (per BSEN 61557-6)	30 ms - 1999 ms
Test Current Accuracy	
x ½	-0% to -10%
x 1, x 5	+ 0% to + 10%
Trip Time Accuracy	
< 1 second	± (1% + 1ms)
> 1 second	± (1% + 10ms)
Power Supply	4 x AA LR6 Batteries
Battery Life	50 Hours
Overvoltage Category	CAT III 300V
Operating Temperature	0 - 40°C
Storage Temperature	-10 to 60°C
Operating Humidity	80% @ 31°C to 50% @ 40°C
Safety Compliance	BSEN 61010-2-030:2010
EMC Compliance	BSEN 61326-2-2:2013
Performance Standard	BSEN 61557-1:2007 BSEN 61557-6:2007
Probes	GS38 Compliant
Dimensions	180mm x 85mm x 50mm
Weight	Approx. 450g

What's included...

Socket & See RCD PRO
Mains lead with 3 x 4mm connectors
Instruction Manual
Magnetic Hanging Strap
Carry Case
Batteries

Order code: SOC/RCDPRO

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