

## Socket & See IRC PRO Insulation and Continuity Tester

### Description

The IRC PRO is an advanced digital continuity and insulation resistance tester with 1,000V insulation test range and hands free testing.



### Features

- Insulation Test (250V, 500V, 1000V)
- Continuity Test
- Buzzer
- Continuity Null
- Hands Free function
- Mute
- Voltage Present LED
- Auto switch off function for battery preservation

Specification		
<b>Continuity test range accuracy</b>		
Range	Tolerance (@ 20°C)	
0.00 to 9.99 Ω	± (3% + 2 digits)	
10.0 to 99.9 Ω	± (3% + 2 digits)	
100 to 19.99 kΩ	± (3% + 2 digits)	
Open circuit Voltage	>4V, <10V	
Zero offset adjust (test lead null)	5Ω	
Typical test time (2Ω)	>2 seconds	
Hazard Warning LED	>25V	
<b>Insulation test range accuracy</b>		
Test Voltage	Ranges (Auto Range)	Tolerance (@20°C)
250V	0.01 to 9.99 MΩ	± (3% + 1 digits)
	10.0 to 99.9 MΩ	± (3% + 1 digits)
	100 to 199 MΩ	± (6% + 1 digits)
500V	0.01 to 9.99 MΩ	± (3% + 1 digits)
	10.0 to 99.9 MΩ	± (3% + 1 digits)
	100 to 199 MΩ	± (3% + 1 digits)
	200 to 499 MΩ	± (6% + 1 digits)
1000V	0.01 to 9.99 MΩ	± (3% + 1 digits)
	10.0 to 99.9 MΩ	± (3% + 1 digits)
	100 to 399 MΩ	± (3% + 1 digits)
	400 to 999 MΩ	± (6% + 1 digits)

Insulation output voltage			
Voltage	Load	Output Current	Tolerance
250 V	250 kΩ	1 mA	-10% +20%
500 V	500 kΩ	1 mA	-10% +20%
1000 V	1 MΩ	1 mA	-10% +20%
Short circuit current (into 2 kΩ)			< 2 mA
Typical test time (10 MΩ)			< 2 seconds
Power Supply		4 x AA LR6 Batteries	
Battery Life		50 Hours	
Overvoltage category		CAT III 500V CAT IV 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 61557-2:2007 BSEN 61557-4:2007	
Probes		GS38 Compliant	
Dimensions (mm)		180mm x 85mm x 50mm	
Weight (g)		Approximately 450g	

### What's included?

- Socket & See IRC
- Instruction Manual
- Magnetic Hanging Strap
- Carry Case
- Batteries

Order Code: **SOC/IRCPRO**