

# Di-LOG

...measurably better

Loop Portable Clamp AC/DC RCD Voltage  $\mu F$  16<sup>3</sup> Multimeter °F 16<sup>3</sup> Multimeters Phase Rotation Clamp Voltage 16<sup>3</sup> Edition AC/DC Clamp Resistance RCD Voltage Loop Continuity Loop Phase Rotation Clamp AC/DC Resistance Continuity Loop

## The UK's First 17th Edition Multi-Function Tester

The all new 9083P Multi-Function Tester has been designed to meet the requirement of the forth coming 17th Edition, the current Part P requirements and is fully compliant with the performance requirements of BS EN 61557.

It also incorporates many features that end users have requested. The unique high speed RCD-LOC feature allows loop testing without tripping and type of RCD.

- **Continuity test** - with auto null facility to zero out lead resistance
- **RCD testing** - trip time, trip current, ramp current
- **Prospective short circuit current** - direct readout of PSCC
- **100, 250, 500V** - insulation measurement test voltages
- **Loop Impedance** - unique loop test principal will not trip any RCD
- **RCD auto test** - test RCD's in auto mode without going back to the tester
- **Integrated socket polarity test**
- **Fully protected** - against damage when accidentally connected across phases
- **Manufactured in the UK**



9083P



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## 9083P 17th Edition Multi-Function Tester

### Optional Extras

#### PowerGuard Pro Software

Capture and store test information then produce professional certificates to comply with Part-P and 16th Edition Regulations. It allows you to print all BS 7671, BS 5839, NICEIC and NAPIT certificates and reports onto plain or company headed paper. You can even add scanned signatures if required.

#### PowerGuard Pro Mobile Software

Synchronises seamlessly with PowerGuard Pro, so all test and certification data can be uploaded to your office computers via a PDA.

Both packages are designed to be easy to use and to make your life easier and more efficient.

### Supplied with...

- Croc Clips: Red, Black, Green
- 2 year warranty
- 6 x 1.5V cells LR6 type AA alkaline batteries
- Test lead, 1.5M 13A UK plug to Red, Black, Green 4mm shrouded safety plugs
- Test lead, set 1.5M 13A plug to Red, Black, Green 4mm shrouded safety plugs to Red
- Black, Green 4mm shrouded safety test probes
- Red, cordless, 4mm shrouded safety test probe

All Di-Log instruments are designed and manufactured to the highest quality standards and you can be assured that all quality procedures strictly adhere to internationally recognised standards. All the products are designed to meet the relevant standards notably IEC1010 and CE requirements. Di-Log products are available from a large number of electrical distributors.



### Technical Specification

	9083P
<b>Earth Continuity</b>	
Test Current	>200mA
Display Range	0.00ohms - 199ohms
Resolution	0.01ohms maximum
Test Lead Compensation	Null lead resistance 0.00ohms - 10.00ohms
Live Circuit Detection	Test inhibit if >30V detected
<b>Insulation Resistance</b>	
Test Voltage	100V, 250V, 500V
Display Range	0.5Mohms - 199Mohms
Resolution	0.01Mohms maximum
Live Circuit Detection	Test inhibit if >30V detected
<b>Loop Impedance</b>	
Supply Voltage	195 - 253V, 45Hz - 65Hz
Test Current	15mA (non tripping for RCD protected circuits)
Display Range	0.01ohms - 2000ohms
Resolution	0.01ohms maximum
Loop Impedance	Phase to Earth
Line Impedance	Phase to Neutral
PFC/PSC Range	0 - 26kA
<b>RCD Trip Time</b>	
Supply Voltage	195 - 253V, 45Hz - 65Hz
Test Currents	10, 30, 100, 300, 500mA
Trip Time Ranges	0ms - 2000ms at 1/2 IΔn 0ms - 300ms at IΔn general 0ms - 500ms at IΔn selective 0ms - 40ms at 5 x IΔn
Auto Test	Auto sequence for 1/2 IΔn, IΔn and 5 x IΔn at 0° and 180°
<b>RCD Type</b>	General (G), Selective (S), Pulsed (A), AC (AC)
<b>RCD Trip Current (Ramp Test)</b>	
Supply Voltage	195 - 253V, 45Hz - 65Hz
Test Currents	10, 30, 100, 300, 500mA
Ramp Current Range	1/2 IΔn, to 1.1 IΔn
<b>Voltage / Frequency Measurement</b>	
Display Range	0 - 440V
Resolution	TV
Frequency Measuring Range	45 - 65Hz
Safety Rating	IEC 61010-1 300V CAT III
Dimensions	260 x 100 x 55 mm
Weight	950g
Power Supply	6 x AA Alkaline (supplied), 6 x AA NiMH Rechargeable (optional)