

Product Data Sheet

Manufacturer : Robin

Model : KTS 1620

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The KTS1620 is Robin's mid level 5 in 1 Digital multifunction tester for the testing of electrical installations to the requirements of BS 7671.

The **KTS1620** provides 5 primary test functions of

- Continuity Tester
- Insulation Tester
- Loop Impedance tester
- RCD Tester.
- PSC Tester.

All in a compact, light, and portable design.

Included with the **KTS 1620** as standard are SL20 Snap-Lok Test Leads, SL16E distribution board test leads, BS 1363 moulded plug lead, carrying case, Batteries, Instruction Manual, & Certificate of Conformity.

KEY FEATURES

Continuity & Insulation Test Function

- **Visual Live Circuit warning lamp.**
- **Continuity Null function.** Enables the removal of test lead resistances.
- **Auto discharge.** Allows fast & safe electrical discharge of capacitance circuits following testing.
- **Integral Overload protection.** Protection on internal continuity & insulation circuitry.
- **250, 500V & 1000V DC Insulation test function voltages.**
- **Polarity switch.** Allows switching of polarity during Insulation & continuity testing.

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KEY FEATURES (Cont'd)

LOOP Impedance Test Functions

- **Visual correct wiring warning lamp.**
- **Integral Overheat protection.** Protection on internal circuitry against over heating.
- **Supply voltage indication.**
- **Low current Loop Impedance Test.**
- **Auto Data hold.**
- **Auto Power Off.**

RCD Test Functions

- **Auto Data hold.**
- **Phase angle selection.** Selection of test current from +ve & -ve half cycle waveform.
- **x^{1/2}, x1 & x5 RCD current multiplier's.**
- **DC Test.** Allows the testing of RCD's which are sensitive to DC fault currents.
- **19 Possible test RCD trip current settings.**

FUNCTION	RANGE	ACCURACY
Continuity Resistance	0 to 19.99 ohm	±(1.5% ind + 3 digits)
	10.0 to 199.9 ohm	±(1.5% ind + 3 digits)
	100 to 2000 ohm	±(1.5% ind + 3 digits)
Insulation Resistance (250, 500, 1000V DC)	0 to 100 Mohm	±(1.5% ind + 3 digits)
	100 to 2000 Mohm	±(1.5% ind + 3 digits)
Loop Impedance	20.00 ohm (Nominal 25 A current)	±(2% ind + 2 digits)
	200.0 ohm (Nominal 2.3 A current)	
	2000 ohm (Nominal 225 mA Current)	
RCD Testing	x ^{1/2} :- 5, 15, 50, 150, 250, 500mA	±(1% ind + 3 digits) trip time
	x1 :- 10, 30, 100, 300, 500, 1000 mA	
	x5 :- 50, 150, 500 mA	

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