KEWTECH

KT72
PAT Tester with Auto Test Sequence

PRODUCT DATA SHEET

KT72
PAT TESTER WITH AUTO TEST SEQUENCES

- Performs Earth bond at 200mA at both +ve and -ve polarities (IT appliance safe)
- 250V / 500V insulation test voltages
- Substitute leakage tests
- Single rotary dial position initiates test sequence
- Class I IT 200mA Earth Bond
- Class II
- Extension lead test – including polarity
- LED indication of pass / fail as well as a result display
- Automatic check if appliance is switched on or not
- Test 110V appliances for earth bond and insulation (with appropriate test adaptor).
- Tests in accordance with the IEE Code of Practice
- Powered by batteries

ACCESSORIES

- Earth lead
- Instruction Manual
- Calibration Certificate
- Extension Lead Adaptor

OPTIONAL

- Pass & Fail labels
- PATLOG1 PAT record log book for multiple sites
- PATLOG2 for single sites, including pass labels

SPECIFICATIONS

MEASUREMENT OF PROTECTIVE CONDUCTOR RESISTANCE - R PE

Test function	IT 200mA continuity test
Measuring range	0 - 19.99 Ω
Resolution	10mΩ
Open-circuit voltage	5V
Measuring current	200mA DC (nominal)
Accuracy	±(3%rdg ± 5dgt)

MEASUREMENT OF INSULATION RESISTANCE - R INS

Rating	250V / 20MΩ and 500V / 20MΩ
Measuring range	0.1~19.99MΩ
Resolution	10kΩ
Rated voltage	250V/500V DC(-0%/+30%) @250kΩ/500kΩ
Short-circuit current	2.5mA DC or less
Accuracy	± (2%rdg+3dgt)

SUSTITUTE LEAKAGE CURRENT

Test function	Leakage current test
Measuring range	0.1-12.00A rms
Resolution	0.01mA
Accuracy	±(3%rdg ± 5dgt)

THRESHOLD AND DISPLAY

	Protective conductor resistance		Insulation resistance	Substitute Leakage current	Polarity
LED Colour	Green	Amber	Green	Green	Green
Extension Lead	Rpe < 0.1 Ω	Ppe < 0.1 Ω < 0.3 Ω	Rins > 1M Ω		Cont < 10 Ω
Class I	Rpe < 0.1 Ω	Ppe < 0.1 Ω < 0.3 Ω	Rins > 1M Ω	Leak < 0.75mA	
Class II			Rins > 2M Ω	Leak < 0.25mA	