

KEWTECH

KT74

PRODUCT DATA SHEET

KT74

PORTABLE APPLIANCE TESTER

- Downloadable PAT
- Earth bond 100mA/10A/26A
- Earth bond null
- 110V/230V appliances
- Ten pre-programmed Auto tests
- Fuse test and fuse check
- Earth leakage at supply voltage
- Insulation test 250/500V DC
- Load test at supply voltage
- USB memory port for fast and convenient transfer of data
- 30 day demo software CD

ACCESSORIES

- Mains Lead
- Earth lead
- Instruction manual
- Certificate of Conformity
- 30 day demo software CD

OPTIONAL

- PATLEAD1 download cable
- Pass & Fail labels
- ACCBARCODE Barcode reader
- PAT110V
- Calibration Certificate



SPECIFICATIONS

EARTH BOND

Open circuit voltage	8V rms nom.
Current into 0.10 ohms	25A or 10A
Displayed values	0.00 to 1.99Ω, >2Ω
Accuracy	5% rdg ±2 digits, >1Ω 10% ±2 digits
Pass/Fail thresholds	0.1 to 0.9Ω (0.1Ω steps), 2Ω
Test time	5s

EARTH BOND – IT EQUIPMENT

Open circuit voltage	100mV nom.
Current into short circuit	100mA
Displayed values	0.00 to 1.99Ω, >2Ω
Accuracy	5% rdg ±2 digits, >1Ω 10% ±2 digits
Pass/Fail thresholds	0.1 to 0.9Ω (in 0.1Ω steps), >2Ω
Test time	5s

LEAD/FUSE CONTINUITY

Open circuit voltage	8V rms nom.
Displayed values	PASS/FAIL
Pass/Fail threshold	39 kΩ approx.
Test time	5s

PN-E INSULATION

Test voltage into 0.5MΩhm	250V or 500V DC (into 0.5MΩ load)
Displayed values	0.1 to 19.9MΩ, >20MΩ
Accuracy	500V - 5% rdg ±2 digits, >10MΩ 10% ±2 digits
Pass/Fail thresholds	0.2, 0.5, 1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, MΩ
Test time	2s to 60s programmable, 10s default

LOAD/LEAKAGE TESTS

Pre-test: Open circuit voltage	8V rms nom.
Pass/Fail thresholds	230V: 8 kVA P-N; 110V: 3.6 kVA P-N
Run/leakage: Pass/Fail thresholds (load)	0.5, 1.0, 1.5, 1.8, 2.0, 2.5, 3.2, 4.0 kVA
Displayed values	0.1 to 3.9 kVA, >4 kVA
Accuracy	5% rdg ±2 digits
Pass/Fail thresholds (leak)	0.3, 0.8, 1.0, 2.0, 3.0, 9.0mA
Displayed values	0.1 to 9.9mA, >10mA
Accuracy	5% rdg ±2 digits
Test time	2s to 60s programmable, 10s default