

KEWTECH

KT75

PRODUCT DATA SHEET

KT75

PORTABLE APPLIANCE TESTER

- Downloadable PAT
- Earth bond 100mA/10A/26A
- Earth bond null
- 110V/230V appliances
- Ten pre-programmed Auto tests
- Fuse test and check
- Earth leakage at supply voltage
- Flash test
- Insulation test 250/500V DC
- Load test at supply voltage
- 30 day demo software CD



SPECIFICATIONS

EARTH BOND

Open Circuit Voltage	8V rms nom.
Current into 0.10Ω	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 Thresholds	39kΩ approx
Test Time	5s

PN-E INSULATION

Test voltage into 0.5MΩ	250V or 500V DC (into 0.5MΩ load)
Displayed Values	0.1 to 19.99MΩ, >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

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

CONTINUED...

SPECIFICATIONS

LOAD / LEAKAGE TESTS - PRE-TEST

Open Circuit Voltage	8V rms nom.
Pass / Fail Thresholds	230V: 8kVa P-N; 110V: 3.6kVA 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 3.9kVA, >4kVA
Accuracy	5% rdg \pm 2 digits
Pass / Fail Thresholds (leak)	0.3, 0.8, 1.0, 2.0, 3.0, 90 mA
Displayed Values	0.1 to 9.9mA, >10mA
Accuracy	5% rdg \pm 2 digits
Test Time	2s to 60s programmable, 10s default

FLASH TEST

Open Circuit Voltage	Class I: 1500V rms, Class II: 3000V rms
Current into Short Circuit	3mA
Displayed Values	0.1 to 2.9mA, >3mA
Accuracy	5% rdg \pm 2 digits
Pass / Fail Thresholds	1, 2, 3mA
Test Time	2s to 60s programmable, 10s default

I/O PORT SPEED

Data Download Speed	9600bps
Printer Serial Port Speed	1200bps

COMMUNICATION LEAD CONFIGURATION - PAT TO SERIAL PRINTER

PAT (9 pin)	Printer (25 pin)
2	20
3	3
5	7

COMMUNICATION LEAD CONFIGURATION - PAT TO SERIAL PRINTER (25PIN D CONNECTOR)

PAT (9 pin)	Printer (25 pin)
2	6, 5, 20
3	3
5	7

COMMUNICATION LEAD CONFIGURATION - PAT TO SERIAL PRINTER (9PIN D CONNECTOR)

PAT (9 pin)	Printer (25 pin)
2	8, 6, 4
3	2
5	5