



PRODUCT DATA SHEET

- Battery operated
- Automatic test sequences
- PASS / FAIL – Green / Red screens
- Appliance status pre-check
- Quick check Continuity
- 5 second continuity
- 250V Insulation
- 500V Insulation
- Substitute leakage test
- Extension Lead Test
- Test lead nulling
- Backlight

ACCESSORIES

- Earth lead with probe and croc clip
- Extension lead adapter
- Carry bag with strap
- Quickstart manual
- End of line Cal Cert

OPTIONAL

- Pass & Fail labels
- PATLOG1 PAT testing record log book
- Calibration Certificate
- KEWPAT APP

EZYPAT

Manual PAT Tester with automatic sequences.

SPECIFICATIONS

PROTECTIVE CONDUCTOR RESISTANCE TEST

Measuring range	0.00 - 20.00 Ω (NULL value inc)*
Over-range indication	> 20.00 Ω
Resolution	0.01 Ω
Open-circuit voltage	5 V ±0.4 V DC
Measuring current	200 mA DC (nominal value)
Accuracy	±3%rdg ±5dgt

* Resistances exceeding 3 Ω cannot be cancelled by NULL function.

INSULATION

Rated voltage	250V	500V
Measuring range	0.00 - 20.00 MΩ	
Over-range indication	> 20.00 MΩ	
Resolution	0.01 MΩ	
No-load voltage	250 V DC +20%, -0%	500 V DC +20%, -0%
Short-circuit current	1.5 mA DC or less	
Rated current	1 -1.2 mA with a load of 0.25 MΩ	1 to 1.2 mA with a load of 0.5 MΩ
Accuracy	±2%rdg±3dgt	

SUBSTITUTE LEAKAGE

Measuring range	0.10 - 12.00 mA rms
Over-range indication	> 12.00 mA
Resolution	0.01mA
Open-circuit voltage/ Freq.	30 V ±5 V rms / 50 Hz ±5%
Measuring current	1.2 mA AC ±0.5 mA (when measuring 12.00 mA)
Accuracy	±3%rdg±5dgt

INSULATION TEST BETWEEN L-N

Open-circuit voltage	4.5 V ±0.5 V DC
Criteria of judgement	100 kΩ ±20 kΩ or less: LCD shows "<0.10 MΩ" and the measurement is halted.

APPLICABLE STANDARDS

Safety	IEC/EN61010-1 CAT II 300V-instrument IEC/EN61010-2-030 IEC/EN61010-031 CAT III 600V
EMC	EN61326-1, 2-2
Possible number of measurements where battery voltage is within the effective range (measuring every 30 sec)	Approx. 1400 times (CLI Rpe: 0 Ω, Rins: 1.1 MΩ)