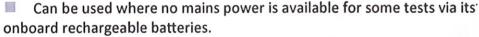


## Megger PAT150R Portable Appliance Tester

- Safe automatic testing
- Easy to use-simple tick/cross PASS/FAIL indication plus full display of testing results
- Battery and mains powered testing
- Allows compliance with AS/NZS3760
- Tough case
- Toughened scratch resistance back lit display
- The PAT 150R is ideally suited to low volume testing of single phase equipment including double insulated tools and all IT Equipment.

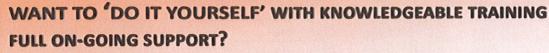




- Clear pass fail indication and actual results displayed making it ideally suited to novice and advanced users.
- Easy to read LCD display and the instrument is housed in a relatively robust case with hinged lid to protect screen from accidental damage.
- Lead check is protected from accidental wrong connection to mains supply.
- Test duration is time adjustable.

The PAT150R is a cost-effective, full functionality portable appliance tester (PAT) which is ideal for use in a wide variety of PAT testing applications. The PAT 150R includes dual insulation test voltages, can be used to test portable equipment, has exclusive 10ma/30mA portable RCD lead testing, adjustable PASS testing limits and mains powered leakage testing procedures.

Built in its' own protective rubber carrying case as standard, the PAT150R even has a flipping lid that can be used to protect the screen when not in use. The instruments' built-in LCD screen is made of high quality materials, is resistant to scratches and shows both a PASS/FAIL reading as a cross/tick and full test results simultaneously.



You will be trained to use a PAT (Portable Appliance Tester) and how to inspect and test both single and 3-phase appliances, receive ongoing support When needed so that you are 'competent' as required by AS/NZS3760. We can also support you if you have bought equipment elsewhere and need help. NOTE: this is not just product training, this is 'How to Test & Tag'.







SELV Device Test )		
Test Voltage	0 to 300V AC	
Measurement Accuracy	±3% ± 3 digits	
Resolution	0.1V AC	
Display Range	0.1 to 300V AC	
Extension Lead Test		
Test Voltage	5V	
Polarity	Lead OK, Live/neutral shorted Live/neutral reversed Live/neutral open circuit	
Portable RCD Test		
Test Voltage	Nominal mains 230V	
Test Frequency	50Hz	
Test Current Accuracy	+2% to +8% (1 x I, 5 x I)	
Trip Time Accuracy	±1% ± 1ms	
Trip Time Resolution	0.01ms	
Display Range	0 to 200ms (1 x l) 0 to 40ms (5 x l)	
Mains Supply Test		
Frequency Measurement Range	50Hz	
Test Voltage	40 to 300V AC	
Accuracy	±3% ± 3 digits	
Resolution	0.1V AC	
Display Range	40 to 300V AC	
Circuit Test		
Test Voltage	5V	
Test Frequency	Nominal mains 50Hz	
Test Current	<100mA short circuit	
ЕМС	Designed to meet IEC 61326-1: 2006 and IEC 61326-2-2: 2005	
Environmental		
Operating Temperature	0 to 40°C	
Storage Temperature	-20 to 60°C	
Humidity	90% RH @ 10 to 30°C 75% RH @ 30 to 40°C	
Max Altitude	2000m to full safety spec	

IP Rating	IP40 (with front cover closed)	
Mechanical (Batteries)		
Battery Life	3 days based on 120 tests/day using 2000mAh alkaline batteries	
Battery Type	Supply voltage 12V DC (alkaline AA LR6) 9.6V DC (NiMH AA LR6)	
Weight	1300g	
Dimensions	203mm (L) x 148mm (W) x 78mm (H)	

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Specifications	
Environmental Conditions	
Operating Ambient	20°C
Humidity	Nominal humidity
Continuity Testing	
Test Voltage	Compliance voltage: +4V DC -0 / +10% (open circuit)
Test Current	Bi-directional +200mA -0% + 50mA (into $2\Omega$ load)
Continuity Accuracy	Resistance: $\pm 5\% \pm 3$ digits (0 to 19.99 $\Omega$ )
Resistance Resolution	10mΩ
Display Range	0.01 to 19.99Ω
Continuity Test Nulling	Up to 9.99Ω
Test Duration	User-selectable from 2 seconds to 20 seconds or selected during test to 180 seconds
Insulation Test	pouloni membro de estado
Insulation Procedure	250V DC: -0% / +25% open circuit 500V DC: -0% / +25% open circuit ≥ 500V 0% DC across 0.5MΩ load
Short Circuit/Charge Current	<2mA DC
Insulation Accuracy	$\pm 3\% \pm 10 \text{ digits } (0 \text{ to } 99.9 \text{M}\Omega)$
Resolution	0.01ΜΩ
Display Range	0.10M to 99.99MΩ
Test Duration	User selectable from 2 seconds to 20 seconds or selected during test to 180 seconds
Substitute Leakage Test	schem at hit transchilden
Leakage Current	Accuracy ±5% ± 3 digits
Test Frequency	Nominal mains frequency 50Hz
Test Voltage	<50V AC
Resolution	0.01mA
Display Range	0.10 to 19.99mA
Test Duration	User-selectable from 2 secs to 5 seconds
Differential Leakage Test	Etilope destruction select
Test Voltage	Nominal supply voltage 230V AC
Test Frequency	Nominal mains frequency 50Hz
Test Accuracy	$\pm 5\% \pm 3d \pm 3\mu\Lambda/\Lambda$
Resolution	0.01mA
Display Range	0.10 to 19.99mA
Test Duration	User-selectable from 2 seconds to 5 seconds
Touch Current Test (PAT150 Only)	William Committee
Test Voltage	Nominal mains 230V AC
Test Frequency	Nominal mains 50Hz
Test Accuracy	±5% ± 3 digits
Resolution	0.01mA
Display Range	0.10 to 3.99mA
Test Duration	User-selectable from 2 seconds to 5 seconds