



FREE  
VC

### Key features

- Fast and simple to use
- Class I and Class II PAT testing
- Tests 110V & 230V appliances
- High & low current earth bond tests at 8A, 25A, and 200mA IT safe
- 500V Insulation Test
- Built-in lead tester
- Hard case with accessory storage & attached user guide

### Additional features EPAT2100

- Run current & leakage test
- Hipot / Flash test for tool hire and workshop service & repair testing
- Mains powered 110V/230V
- Safety test gun for flash testing

	EPAT1600	EPAT2100
Class I /II Test	✓	✓
Lead Test	✓	✓
Fuse Test	✓	via Run Test
Earth Continuity Test Current	200mA/8A/25A	200mA/8A/25A
Insulation Test Voltage	500V	500V
Run Test		✓
Flash Test		1.5kV/3kV
Leakage Test		✓
Supply	230V	230V/110V
110V Appliances	✓	✓

The EPAT1600 EasyPAT is a simple one button, one test manual PAT tester which will test all 110V and 230V portable appliances. Both are capable of full high current bond testing at 25A and 8A or can be set to a low current 200mA soft test for safe testing of sensitive IT equipment. There are no complicated menus, just a single rocker switch for selecting test current and large separate buttons, for earth bond and insulation testing.

The EPAT1600 has a built-in lead tester for IEC power leads and includes the EX332 adaptor for fast testing of 230V mains extension leads and identification of extension lead wiring faults including phase/neutral reversal, phase open circuit and phase / neutral short.

The EPAT2100 EasyPAT, in addition to earth bond and insulation tests, has run current measurement and run leakage testing at both 110V & 230V. Also includes a high voltage flash test for tool hire and workshop servicing and repair environments.



Keeping You Safe

# EPAT1600 / EPAT2100

Dual voltage PAT testers

Specifications

FUNCTION	EPAT1600	EPAT2100
<b>ELECTRICAL</b>		
Sockets	Mains: 230V 13A to BS 1363, 110V 16A to BS 4343	
<b>Earth continuity (8A &amp; 25A)</b>		
Test voltage	6V AC nominal with no load	
Test current	8A AC nom @ 0.1Ω , 25A AC nom @ 0.1Ω	
Display range	0-1.99Ω	
Accuracy	± 10% of rdg ± 2 dgt	
<b>Earth continuity (200mA)</b>		
Test voltage	130mV DC nominal open circuit	
Test current	200mA DC nominal constant current	
Display range	0-1.99Ω	
Accuracy	± 10% of rdg ± 2 dgt	
<b>Insulation test</b>		
Test voltage	500V DC -0% +20% at 0.5MΩ	
Short circuit current	1.5mA DC nominal	
Range	0-19.9MΩ	
Accuracy	± 5% of rdg ± 1 dgt	
<b>Fuse test</b>		
Test voltage	6V AC nominal	via Run test
Overrange threshold	10kΩ nominal	
Zero range threshold	800kΩ nominal	
<b>Run test</b>		
Run test	-	0-16A ±10% of rdg ± 1 digit
Run leakage test	-	0-19.9mA ±10% of rdg ± 1 digit
<b>Flash test</b>		
Test voltage	-	1.5kV a.c. - Class I. 3.0kV a.c. - Class II
Display Range	-	0-19.9mA a.c.
Usable Range	-	0-3mA a.c. (current trip @ 4mA nominal) (short circuit current 5mA nominal)
Accuracy	-	±5% of reading ±1 digit
<b>Leads</b>		
Mains	1.5 metre fixed lead with 13A moulded plug	1.5 metre fixed lead with 13A moulded plug
Earth continuity	3 metre long, detachable lead, heavy duty shrouded crocodile clip	
Flash gun	-	Safety gun for flash testing
Adaptor	230V IEC: 13A BS 1363 plug to IEC 320 connector, 230mm long	230V IEC: 13A BS 1363 plug to IEC 320 connector, 230mm long 110V/230V: 110V 16A plug (BS4343) to 230V 13A freesocket (BS1363)
<b>Indicators</b>		
Flash		Neon lamp for active test
Over temperature	Red LED	
Lead Polarity	Lamp 1 / Lamp 2 red LEDs	
<b>ENVIRONMENTAL</b>		
Temperature (operating & storage)	Operating: 0° to +35°C, Storage: -10° to +50°C	
<b>GENERAL</b>		
Dimensions	330 x 263 x 144mm	
Supply	Voltage: 230V ± 10% 50/60Hz	Voltage: 110V/230V ±10% 50/60Hz
Weight	4kg approx.	5.1kg approx.
<b>SAFETY</b>		
LVD conforms to	LVD: EN61010-1	
EMC conforms to	EN50081-1, EN50082-1	

**Included**

**EPAT1600** TL66 bond lead, EX332 230V plug to socket leads adaptor & instruction manual  
**EPAT2100** TL66 bond lead, TL166 flash probe, TL150 110V adaptor, EX332 230V plug to socket leads adaptor, carry case & instruction manual

**Related products**

**EX331** Extension lead adaptor  
**LAB2** PASS PAT test labels  
**FAIL1** FAIL PAT test labels

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**Ver. A2.0**

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