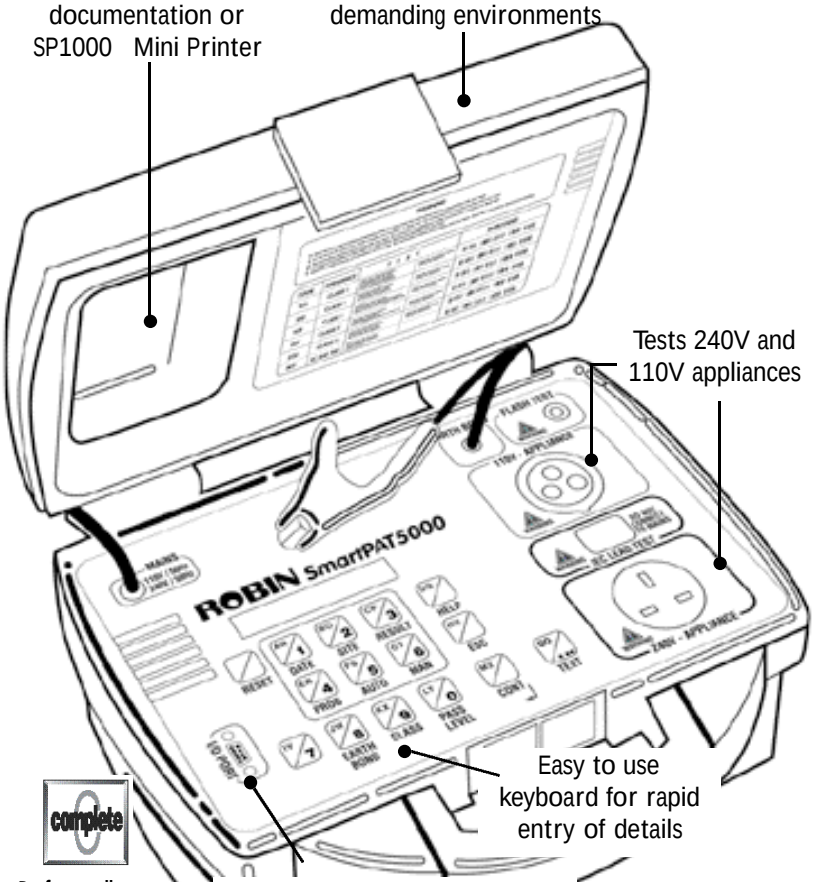
ROBIN

SmartPAT 5000

Portable Appliance Tester



Performs all tests required for Class I and Class II appliances; earth bond, 100mA business equipment test, insulation, P-N continuity

Measures appliance earth leakage currents during operation

Special socket for testing IEC leads

Insulation Flash Tests at 1500V and 3000V for Class I and Class II appliances

Performs tests on 110V and 240V portable appliances

Downloads stored results to computer or printer

Integrated Help System for ease of use

Recognises bar code identity labels up to 10 digits

TECHNICAL SPECIFICATION	
	SmartP AT 5000
Earth Bond	
O/C volts	7.5V rms
Current into 0.10 ohms	26A,8A
Displayed values	0.00-1.99 Ω,>2 Ω
Accuracy	± (10% + 2 dgt)
Test time	5s
Earth Screen	
O/C volts	100mV
Current into s/c	100mA
Displayed values	0.00-1.99 Ω,>2 Ω
Accuracy	± (10% + 2 dgt)
Test time	5s
P-N Continuity	
O/C volts	7.5V ac rms
Current into s/c	20mA
Displayed values	Pass / Fail
Pass / Fail level	39kΩ
Test time	5s
PN-E Insulation	
Test volts	500V dc
Displayed values	0.1-19.9 MΩ,>20 MΩ
Accuracy	± (5% + 2 dgt)
Test time	5-30s
Run/Leaka ge (pr e test)	
O/C volts	7.5V rms
Pass / Fail level	230V, 8kVA P-N 110V, 3.6kVA P-N
Run/leaka ge	
Displayed values	0.1-3.99 kVA,>4 kVA
Accuracy	± (5% + 2 dgt)
Displayed values	0.1-9.9 mA,> 10mA
Accuracy	± (10% + 2 dgt)
Test time	10s
Flash Test	
O/C volts	1500V rms (class I) 3000V rms (class II)
Current into s/c	3mA
Displayed values	0.1-2.9mA,>3mA
Accuracy	± (5% + 2 dgt)
Test time	10s

SmartPAT 5000 is a technologically advanced, high performance PAT with outstanding features to meet all of your PAT requirements.

The software driven SmartPAT 5000 is the clear choice for users who undertake large amounts of appliance testing. Results of each test are assigned unique references and stored in the on-board computer. When testing is complete, results can be downloaded to a computer using Robin's PAT software (optional) or directly printed out on Robin's SP1000 printer or any other compatible serial printer.

Using the optional Smartwand or wide-head barcode scanner, appliance number, site details and test sequences can be rapidly entered directly into SmartPAT 5000.

Accessories

Optional: Smartwand, SP Scan 10 Wide Head Scanner, SP 1000 Mini Printer, Communication Cables, Portable Appliance Barcode Labels, Extension Lead Tester EL 100, 110V Adaptor AD 110V, Portable Appliance Test Log Book IRP1, Portable Appliance Test Labels: PASS 500, PASS 250, FAIL 100, Barcode Labels, PAT Software.

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