

	SmartPAT 5500	SmartPAT 3500	SmartPAT 5000	SmartPAT 3000
<b>Earth Bond</b>				
O/C volts	3V rms	3V rms	7.5V rms	7.5V rms
Current into 0.10 ohms	5A, 8A, 26A	5A, 8A, 26A	26A, 8A	26A, 8A
Displayed values	0.00-19.99 $\Omega$	0.00-19.99 $\Omega$	0.00-1.99 $\Omega$ , >2 $\Omega$	0.00-1.99 $\Omega$ , >2 $\Omega$
Accuracy	$\pm$ (3% + 4 dgt)	$\pm$ (3% + 4 dgt)	$\pm$ (10% + 2 dgt)	$\pm$ (10% + 2 dgt)
Test time	5/10/15/60s	5/60s	5s	5s
<b>Earth Bond (Business Equipment)</b>				
O/C volts	3V rms	3V rms	100mV	100mV
Current into s/c	100mA	100mA	100mA	100mA
Displayed values	0.00-19.99 $\Omega$	0.00-19.99 $\Omega$	0.00-1.99 $\Omega$ , >2 $\Omega$	0.00-1.99 $\Omega$ , >2 $\Omega$
Accuracy	$\pm$ (3% + 4 dgt)	$\pm$ (3% + 4 dgt)	$\pm$ (10% + 2 dgt)	$\pm$ (10% + 2 dgt)
Test time	5/10/15/60s	5/60s	5s	5s
<b>PN-E Insulation</b>				
Test volts	560V DC	560V DC	500V DC	500V DC
Displayed values	0.1-99.9 M $\Omega$ and 1-299 M $\Omega$	0.1-19.9 M $\Omega$ and 1-299 M $\Omega$	0.1-19.9 M $\Omega$ , >20 M $\Omega$	0.1-19.9 M $\Omega$ , >20 M $\Omega$
Accuracy	$\pm$ (5% + 4 dgt)	$\pm$ (5% + 4 dgt)	$\pm$ (5% + 2 dgt)	$\pm$ (5% + 2 dgt)
Test time	5/10/15/60s	5/60s	5-30s	5-30s
<b>Run/Leakage</b>				
Displayed values	0.1 kVA - 3.99 kVA	–	0.1-3.99 kVA, >4 kVA	–
Accuracy	$\pm$ (5% + 4 dgt)	–	$\pm$ (5% + 2 dgt)	–
Displayed values	0.1 mA - 9.9mA	–	0.1-9.9 mA, > 10mA	–
Accuracy	$\pm$ (5% + 4 dgt)	–	$\pm$ (10% + 2 dgt)	–
Test time	5/10/15/60s	–	10s	–
<b>Flash Test</b>				
O/C volts	1500V rms (class I) 3000V rms (class II)	–	1500V rms (class I) 3000V rms (class II)	–
Current into s/c	5mA	–	3mA	–
Displayed values	0.1mA - 4.99mA	–	0.1-2.9mA, >3mA	–
Accuracy	$\pm$ (5% + 2 dgt)	–	$\pm$ (5% + 2 dgt)	–
Test time	5/10/15/60s	–	10s	–