

PAT TESTERS 9160 & 9165



FEATURES

- Portable and simple to use, these PATs have been designed with the user in mind. The clear rotary dial and coloured, self dimming, backlight make them so easy to use straight out of the box.
- Insulation resistance testing at 250 V or 500 V make them suitable for testing sensitive or surge protected equipment.
- Choose between the UK 5th Edition or new EN standards in the settings menu. Also set your chosen earth continuity pass/fail limits with the variable limits feature.
- Save your test results and download these to your PC as spreadsheets using the free downloader software.
- The rugged, high grip enclosure is perfect for both hand-held and desk top use in a range of test environments.
- With the 9165 model perform a functional test on USB chargers and sockets.
- Active testing of 3-phase devices under operating conditions by means of optional adapter

SCOPE OF SUPPLY

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| 1 x PAT Tester | 1 x Test lead with alligator clip |
| 1 x IEC Test Lead | 1 x Mains connection cable (9165 only) |
| 1 x USB connecting cable | 6 x 1.5-V-batteries/ type AA (IEC LR6) |
| 1 x Carry Case/Bag | 1 x Autotest probe (optional purchase) |
| 1 x Quick Start Guide | 1 x Downloader software (link) |
| 1 x 12 Months Calibration Certificate | |

TECHNICAL DATA

Model	ETHOS 9160	ETHOS 9165
TESTED EQUIPMENT		
Class 1	✓	✓
Class 2	✓	✓
Lead/Cord	✓	✓
RCD	-	✓
Three Phase Equipment	-	✓
USB Test	-	✓
Socket Test	✓	✓
TESTS PERFORMED		
Mains Voltage Test	5-270 VAC (L-N, L-PE, N-PE)	
Rpe (Low Current)	0.05 Ω - 19.99 Ω	
Riso (250v & 500v)	0.1 MΩ - 19.99 MΩ	
Substitute Leakage Current	0.20 mA-19.99 mA	
Differential Leakage Current	-	0.1 mA-19.99 mA
Touch Leakage Current	-	0.1 mA-5 mA
3 Phase Leakage Current	-	Optional adapter
RCD Test	-	30 mA / 150 mA
USB Test	-	Functional Test
KEY FEATURES		
Memory	1500 Records	
USB Communications	✓	
Free Download Software	✓	
Real-time clock	✓	
Rotary Function Switch	✓	
Coloured LCD Backlight	White, Green, Red	
Auto-dimming backlight	✓	
Coloured Test Button	Green, Red	
Battery Powered	6 x 1.5v AA (IEC LR6) Batteries	
Battery Life	2500 tests (Approx.)	
Auto Power Off	2 minutes	
Measurement Category	CAT II 300V	
Protection Class	IP40	
APPLICABLE STANDARDS		
UK IET 5th Edition Code of Practice, EN50678, EN50699 EN 61010-1, EN 61010-2-030, EN 61557 -1,- 2, -4, -10 and -16		