

## PAT TESTER 5010



robust and compact case

### FEATURES

- Protective conductor resistance with a pulsed testing current of  $\geq 200$  mA
- Isolating resistance with a testing voltage of 250 V or 500 V
- Mains operation mode: protective conductor current/contact current by means of differential current/direct measurement method with automatic mains pole reversal
- Battery operating mode: protective conductor current/contact current by means of alternative leakage current measurement method
- Testing of permanently installed and portable 30 mA RCDs/PRCDs with tripping time measurement
- Voltage measurement on external shock-proof socket
- Active testing of 3-phase devices under operating conditions by means of optional adapter

### SCOPE OF SUPPLY

- |   |  |
|---|--|
| 1 x PAT Tester 5010                       | 1 x test lead with alligator clip      |
| 1 x IEC power cord<br>(IEC adapter cable) | 1 x mains connection cable             |
| 1 x USB connecting cable                  | 6 x 1.5-V-batteries/ type AA (IEC LR6) |
| 1 x operating manual                      | 1 x Download/driver software           |

### TECHNICAL DATA

Model	PAT TESTER 5010
<b>SHORT TECHNICAL SPECIFICATION</b>	
Input power	230 V
Battery	6 x 1.5 V / type AA
Display	LCD
Protective conductor resistance	0.05 $\Omega$ ... 20 $\Omega$
Test current	$\pm 200$ mA/DC
Insulating resistance	0.1 M $\Omega$ ... 20 M $\Omega$
Test voltage	250 V / 500 V/DC
Protective conductor current and contact current	0.1 mA ... 20 mA
RCDs/PRCD test current	30 mA ... 150 mA
Protective conductor current for 3phase devices (optional)	0.25 mA ... 10 mA
Time for testing	10 ms ... 500 ms
Voltage of external shock-proof socket	50 V ... 270 V (L-N; L-PE, N-PE)
Cord test	RPE, RISO, continuity, short-circuit of phase conductors and neutral wire
Interfaces	Mini-USB
Power plug	IEC Power connector
<b>APPLICABLE STANDARDS</b>	
DIN VDE 0404-1 and -2	
DIN EN 61010-1 (VDE 0411-1)	
DIN EN 61010-2-030 (VDE 0411-2-030)	
DIN EN 61557-1, -2, -4 and -10 (VDE 0413-1, -2, -4 and -10)	
<b>OTHERS</b>	
Software, storage	Internal storage for 1000 measurements. Export data file via USB to be viewed in Excel