

## INSTALLATION TESTER 5100



### FEATURES

Multifunction Tester for verification of electrical safety of installations according to DIN VDE 0100 and EN 61557.

All-in-one device with 3.5 TFT colour display, covering the measurements you need. Fast. Safe.

#### Measurement of:

- Loop resistance
- Internal network resistance
- Measurement of short circuit current
- Low resistance and continuity
- Insulation
- RCD/FI for types A, AC, B, B+, F
- TRMS Voltage, Rotary field and frequency
- Earth Resistance (optional)

### SCOPE OF SUPPLY

1 pc. Installation tester 5100	3 pcs. Test leads each 1 m
1 pc. Schuko-plug test cable	3 pcs. Test probes
3 pcs. Alligator clips	1 pc. Instruction manual
6 pcs. Batteries 1.5 V / AAA	

#### Optional accessories:

- Carrying bag
- Carrying strap
- Test probe with TEST button
- 40 m Extension test lead (to measure protective conductors)
- Set for earth resistance testing: 3 test leads (20m/20m/5m) and 2 earth stakes

#### Additional accessories on request

### TECHNICAL DATA

Modell	INSTALLATION TESTER 5100	
Continuity ( $R_{LO}$ )	Test current 7 mA (2-wire)	0,0 $\Omega$ ... 1999 $\Omega$
	Test current 200 mA (2-wire)	0,00 $\Omega$ ... 1999 $\Omega$
Insulation resistance ( $R_{ISO}$ )	Test voltage 50/100/250 V	0,000 M $\Omega$ ... 199,9 M $\Omega$
	Test voltage 500/1000 V	0,000 M $\Omega$ ... 999 M $\Omega$
RCD	Uc	0,0 V ... 99,9 V
	t	0,0 ms ... 500,0 ms
	I (Ramp)	0,2xI $_{\Delta N}$ ... 1,1xI $_{\Delta N}$ (AC)
		0,2xI $_{\Delta N}$ ... 1,5xI $_{\Delta N}$ (A), (I $_{\Delta N}$ $\geq$ 30 mA)
	0,2xI $_{\Delta N}$ ... 2,2xI $_{\Delta N}$ (A), (I $_{\Delta N}$ < 30 mA)	
	0,2xI $_{\Delta N}$ ... 2,2xI $_{\Delta N}$ (B)	
Impedance ( $Z_L$ )	Z $_{line}$ L-L, L-N, Ipsc	0,00 $\Omega$ ... 9999 $\Omega$
	Z $_{loop}$ L-PE, Ipfcc	0,00 $\Omega$ ... 9999 $\Omega$
	Z $_{loop}$ L-PE, Ipfcc, non trip	0,00 $\Omega$ ... 9999 $\Omega$
Voltage (V)	TRMS	0 ... 550 V
	Frequency	10,0 Hz ... 499,9 Hz
Phase rotation	TRMS	50 ... 550 V AC 45 Hz ... 400 Hz
Earth resistance ( $R_E$ ) (OPTIONAL)	3-wire, 4-wire	0,00 $\Omega$ ... 9999 $\Omega$
	Specific earth resistance	0,0 $\Omega$ ... 9999 k $\Omega$
General	Power supply	9 V DC (6 x 1.5 V battery or NiMH batteries, size AA)
	Overvoltage category	600 V CAT III; 300 V CAT IV
	COM-Port	USB