

Rental devices > installation tester > Loaner: Benning IT 130 (044103)

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LEIHGERÄT

Item name: Loaner: Benning IT 130 (044103)

Manufacturer : Benning

Model : -

Multifunction Installation Tester for Safety Testing on Electrical Installations

- testing according to IEC 60364-6 and EN 50110
- testing RCDs of types B / B+ (universal) and types AC, A, F (mixed frequencies)
- even more easier, efficient and safer tests Features:
- NEW: bidirectional interfaces (USB / RS 232)
- NEW: measured value memory covering four levels (object / block / fuse / measuring point)
- NEW: upload of installation structures and download of measured values
- NEW: integrated real-time clock (measured value with date/ time)
- NEW: unambiguous "PASS" / "FAIL" indication by means of green / red LED on the tester and on the switchable "Commander" probe tip
- NEW: "Commander" probe tip with "TEST" and "MEM" key as well as bright LED measuring point illumination
- all measuring functions can be selected directly by means of a rotary switch
- memory of measured values for 1800 measurements
- graphic display with background lighting, help function with connecting diagram
- power supply by means of six NiMH storage batteries (AA)
- device with integrated storage battery charging function Measuring functions:
- low-impedance resistance of protective conductor and equipotential bonding conductor connections (testing current: 200 mA with polarity reversal)
- insulating resistance with testing voltages of 50 / 100 / 250 / 500 / 1000 V
- line impedance (L-N / L) with voltage drop and short-circuit current
- loop impedance (L-PE) without RCD tripping and short-circuit current
- testing of RCDs, standard and delayed (S), types AC, A, F, B, B+ with AUTO test, contact voltage, tripping time and tripping current (ramp test)
- TRUE RMS voltage, frequency and phase sequence test
- single-fault leakage current in IT networks Measuring functions by means of optional accessories:
- earthing measurement by means of three-wire measuring method by means of earthing kit
- TRUE RMS current by means of current clamps BENNING CC 1 / BENNING CC 3
- luminous intensity by means of BENNING luxmeter type B BENNING PC-Win IT 130 logging software:
- NEW: creation and transmission (upload) of installation structures to the BENNING IT 130 for efficient periodic testing
- download of measured values and logging by means of test reports and ZVEH test certificates Industrial environments requires TRUE RMS measuring instruments! Non-linear loads arising e.g. from motor drives with adjustable speed, frequency converters or mains supply units for office equipment and LED lamps generate a reactive power in the mains. As a result, multimeters and current clamps working with the so-called averaging measuring method ("RMS") will display the measured values with reduced accuracy. In many cases and particularly in industrial environments, it is therefore absolutely necessary to use state-of-the-art "TRUE RMS" measuring instruments. The "TRUE RMS" measuring method indicates the actual effective value of an alternating current correctly – irrespective of whether the signal waveform

BENNING IT 130 display graphic display (illuminated) low-impedance

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resistance	0.01 Ω ; - 2 k Ω ;	insulation	
resistance	10 k Ω ; – 1000 M Ω ;	line impedance	
(L-N / L)	0.01 Ω ; – 10 k Ω ;	loop impedance	
(L-PE)	0.01 Ω ; – 10 k Ω ;	short-circuit	
current	0.01 Ω ; – 200 kA	RCD testing of types	
	AC / A / F and B / B+	tripping time, tripping current (ramp),	
	contact voltage, automatic testing (AUTO)	rotary	
field	yes	voltage (TRUE RMS), frequency	1 V –
	550 V, 0 Hz – 500 Hz	earth resistance	0.01 Ω ;
	– 2000 Ω ; (by means of earthing set)	current (TRUE	
RMS)	0.1 mA – 400 A (by means of clamp)	luminous	
intensity	0.01 lux – 20 klux (by means of sensor)	measured	
value memory	up to 1800 measuring results	interfaces	
(bidirectional)	USB, RS 232	incl.	
software	yes	item	
no.	044103		Technical

changes, model or color modifications, mistakes and delivery facilities without notice!
No responsibility for literal mistakes.

Price : 125,00 EUR[incl. 19% Tax excl. Shipping]

Options available for Loaner: Benning IT 130 (044103) :

lending period

- 1 week,
- 2 weeks (+125,00 EUR),
- 3 weeks (+250,00 EUR),
- 4 weeks (+375,00 EUR),
- 5 weeks (+500,00 EUR).

deposit

deposit (+539,00 EUR),
Please select.