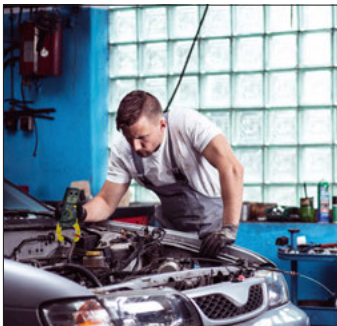


# BE44 Clamp meter

Direct and alternating current measurements combined in one testing device

Its professional equipment makes this clamp-on amperemeter a truly reliable and perfect measuring device for private users as well as for electrical engineers and service technicians. Additionally, the clamp meter is excellently suited for a large number of inspection and maintenance tasks in the motor vehicle production sector as well as in the workshop, for it can also be used for measuring direct current. With its clamp, the compact measuring device allows you to measure currents of up to 1,000 A in DC and AC mode. For this purpose, it detects AC voltages of up to 1,000 V and DC voltages of up to 750 V. This makes the testing device an interesting choice particularly for users in the automotive sector. The measuring device offers non-contact detection of alternating voltages for quick and easy testing of electrical conductors.

Moreover, the BE44 is able to measure resistances, frequency, duty cycle and capacity. These electrical measuring functions are completed by a diode test and a continuity test. The measurement results are shown on the > 3" backlit LCD display. Furthermore, the BE44 clamp meter convinces with features such as the HOLD function, a polarity and overload indicator as well as a battery-saving automatic switch-off function. An LED light integrated in between the two clamp jaws allows you to work safely even in unfavourable lighting conditions.



## A few practical benefits

- 3 5/6-digit LCD display (max. display 9,999)
- Robust housing
- CAT III 1,000 V / 750 V
- Measurement of alternating current up to 1,000 A
- Measurement of direct current up to 1,000 A
- Measurement of AC voltage up to 750 V
- Measurement of DC voltage up to 1,000 V
- Resistance measurement
- Continuity and diode test
- Duty cycle measurement
- Frequency measurement
- Polarity indicator
- Overload protection
- Automatic and manual range selection
- Hold function
- Backlit display
- Bar graph indicator
- Suitable for line diameters of up to 38 mm
- Automatic switch-off
- Battery status indication
- Integrated LED lamp



## Technical data

Article number	3.510.205.244	
Display	LCD 3 5/6-digit	
Measuring range (Accuracy)	Voltage	$U_{DC}$ 6 V up to 1,000 V (6 V/60 V/600 V $\pm 0.8\%$ , 1,000 V $\pm 1\%$ ), $U_{AC}$ 6 V up to 750 V (6 V $\pm 0.8\%$ , 60 V/600 V/750 V $\pm 1.2\%$ )
	Current	$I_{DC}$ 60 A up to 1,000 A ( $\pm 3\%$ ), $I_{AC}$ 60 A up to 1,000 A ( $\pm 2.5\%$ )
	Resistance	600 $\Omega$ up to 60 M $\Omega$ (600 $\Omega$ /6 k $\Omega$ /600 k $\Omega$ $\pm 1\%$ , 6 M $\Omega$ $\pm 1.5\%$ , 60 M $\Omega$ $\pm 3\%$ )
	Frequency (pliers)	40 Hz up to 999.9 Hz ( $\pm 1\%$ )
	Frequency (with test probes)	9.999 Hz up to 9.999 MHz (9.99 Hz/99.99 Hz/999.9 Hz/9.999 kHz/99.99 kHz/999.9 kHz $\pm 1\%$ )
	Duty cycle	5% up to 95% ( $\pm 2\%$ )
	Capacity	40 nF up to 4,000 $\mu$ F (40 nF/400 nF/4 $\mu$ F/40 $\mu$ F/400 $\mu$ F $\pm 5\%$ )
Measuring circuit category	CAT III (1,000 V)	
Conformity	EN 61010-1, Degree of pollution 2	
Functions	Hold function, Automatic measuring range selection, Indication when exceeding the measuring range, Measurement of direct current, alternating current, DC voltage, AC voltage, capacity, frequency, duty cycle and resistance, Automatic switch-off, Backlit display, Diode test, Continuity check, Battery status indication, Integrated LED lamp	
Power supply	3 x 1.5 V, AAA	
Dimensions	243 mm x 87 mm x 44 mm	
Weight	372 g	
Scope of delivery	Measuring device, Battery(-ies), Bag/Holster, Safety measuring lines with test probes, Operating manual	