

TRUE RMS Milliampere Current Clamp Multimeter BENNING CM 11

- ideal for troubleshooting in electrical installations, control systems, appliances and automotive electrical systems
- precise measurements of low AC / DC currents with highest resolution of 0.1 mA
- precise due to TRUE RMS measuring method
- compact dimensions with a clamp opening of 23 mm
- measurements of leakage currents and differential currents
- measurements of process signals from 4 mA to 20 mA without interruption of the current loop
- measurement of stand-by current on automotive batteries for testing with regard to battery discharge due to leakage
- precise measurements of load currents of up to 20 A AC / 10 A DC
- highest measurement method CAT IV 300 V allows measurements directly at the source of low voltage installation
- LC display and background light
- compact protective case included

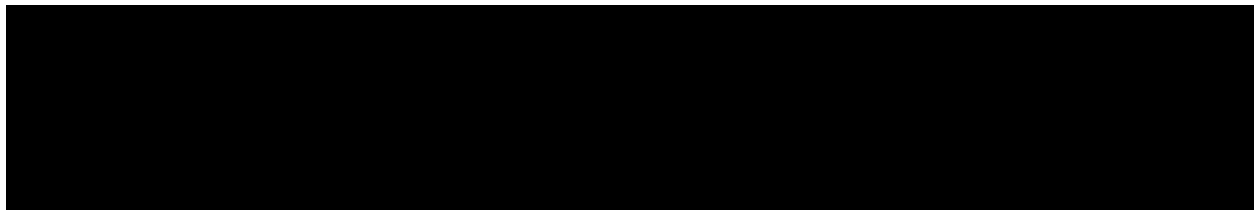
Industrial environments requires TRUE RMS measuring instruments!



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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 of the current is sinusoidal or distorted.



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indicating range	6,000
basic accuracy	1 %
voltage AC	0.01 V – 600 V
voltage DC	0.01 V – 600 V
current DC	0.1 mA - 10 A
measuring ranges	300.0 mA / 3.000 A / 10.00 A
current AC	0.1 mA – 20 A
measuring ranges	300.0 mA / 3.000 A / 20.00 A
resistance	0.1 Ω – 600 k Ω
continuity test	yes
memory	HOLD, MIN / MAX, ZERO
measuring method	TRUE RMS
max. clamp opening	23 mm
dimensions (l x w x h)	206 x 76 x 33 mm
measuring category	CAT IV 300 V
item no.	044067