BENNING MM 5-2

Innovative digital multimeter series with true rms measurement (TRUE RMS) and integrated volume sensor

- Accurate through real-rms measurement methods (TRUE RMS)
- (400.0 µA DC / 4000 µA DC) for measuring the ionisation current at heating systems (MM 5-2)
- Continuity test via red LED and buzzer
- Integrated voltsensor signals non-contact phase voltages and cable breaks in cables (red LED)
- Robust housing design due to integrated rubber protective frame with magnetic suspension
- Compact protective bag included

Industrial environments require TRUE RMS measuring instruments!

Non-linear loads, eg caused by motor drives with variable speed, frequency converters or power supplies for office equipment and LED lamps, generate a reactive power in the network. As a result, multimeters and current clamps with the mean-value-measuring method (RMS) display the measured values less accurately.

In many cases and particularly in industrial environments, the use of modern effective TRUE RMS measuring instruments is necessary. The TRUE RMS measurement method correctly displays the actual, effective value of an alternating current - regardless of whether the waveform of the current is sinusoidal or distorted.

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Display scope	6,000
Basic accuracy	0.5%
Voltage AC	0.1 mV - 600V
Voltage DC	0.1 mV - 600V
Current AC	1 mA - 10 A
Current DC	0.1 µA - 10 A
resistance	0.1 Ω-40 MΩ
Transition / Diode	Yes / Yes
frequency	0.01 Hz - 50 kHz
capacity	0.01 nF - 1 mF
temperature	- 40 ° C to + 400 ° C
Voltsensor	Yes
Memory function	HOLD, PEAK
Datalogger function	-
Measuring methods	TRUE RMS
Measurement category	CAT III 600 V
Datalogger function	044071