

BENNING

CM 12

Wireless Logging TRUE RMS
Power Current Clamp Multimeter

NEW!

1000 V
600 A
AC/DC
TRUE RMS &
CAT IV 600 V



Recommended retail price:

384.⁹⁰ €

All prices are exclusive of VAT.
Item no.: 044680

BENNING CM 12
TRUE RMS Power Current Clamp
Multimeter with logging function
and Bluetooth® interface

- data logger and memory function
- Bluetooth® interface
- power measurement in AC/DC mains
- TRUE RMS measuring method
- highest measuring category CAT IV 600 V
- free IOS and Android app "BENNING MM-CM Link"



MM-CM Link



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BENNING CM 12

Wireless Logging TRUE RMS
Power Current Clamp Multimeter

Application:

For all sophisticated measuring tasks in industry and trade. Monitor, store and share the measured values for further evaluation within your organization via the free "BENNING MM-CM Link" app.

Measuring functions:

- TRUE RMS AC/ DC voltage measurement up to 1000 V
- TRUE RMS AC/ DC current measurement up to 600 A
- power (600 kW), power factor (cos φ) and harmonic (THD) measurement
- resistance (100 kΩ), frequency (10 kHz) and capacity measurement (4 mF)
- continuity (30 Ω - 100 Ω) and diode test (0.8 V) and bipolar phase sequence test
- Optional: AC current measurement up to 3000 A by means of flexible AC current transformer BENNING CFlex 1 (044068)

Features:

- precise due to TRUE RMS measuring method (AC, AC+DC)
- measurement of inrush currents (motors etc.)
- low-pass filter (HFR) for measurements at pulsed motor drives
- harmonic measurement (THD) for evaluation of the mains quality
- data logger function LOG (10,000 measured values, sampling rate: 1 s to 10 min.)
- memory function MEM (1,000 measured values, automatic storage of stable measured values and manual storage with a simple keystroke)
- Bluetooth® Low Energy 4.0 interface
- IOS and Android app for data link to smartphone/tablet
- AUTO SENSE function for automatic selection of measuring ranges and functions
- easy selection of menu functions via cursor key
- memory of measured value (HOLD), peak value (PEAK), maximum/minimum/average values (MAX/MIN/AVG)
- measuring category CAT IV 600 V, CAT III 1000 V
- incl. carrying case, set of batteries (6 x 1.5 V Micro/AAA), measuring leads

Application

- measurement of inrush currents (motors etc.)
- recording of load profiles on single-phase and three-phase loads in AC/DC mains
- simultaneous detection of current (A) and voltage (V) for effective power (W) and power factor measurements



Free app "BENNING MM-CM Link"

- viewing, storing and sharing measured values
- transmission of measured values via Bluetooth® interface to smartphone and tablet (IOS/Android)
- simultaneous monitoring of up to 5 digital current clamp multimeters from a safe distance
- download of the data logger (LOG) and memory (MEM)
- storage of measured values in CSV format



Scope of delivery
BENNING CM 12:

Optional BENNING CFlex 1
(044068):

Technical data	BENNING CM 12
display:	max. 9999 digit, 14 mm digit height, illuminated
basic accuracy:	max. 0.7 % at VDC
measuring range selection:	automatic/manual
voltage AC/DC:	99.99 V - 999.9 V
current AC/DC:	99.99 A - 599.9 A (by means of BENNING CFlex 1 up to 3000 AC)
effective power:	9.999 kW - 599.9 kW
resistance:	999.9 Ω - 99.99 kΩ
continuity:	buzzer, threshold value of < 30 Ω - 100 Ω
diode:	up to 0.8 V
frequency:	99.99 Hz - 9.999 kHz
capacity:	3.999 μF - 3999 μF
data logger/memory:	10000/1000 storage locations
memory function:	HOLD, PEAK, MAX/MIN/AVG
measuring method:	TRUE RMS AC, AC+DC
max. clamp opening:	33 mm
dimensions/weight:	243 x 103 x 55 mm/540 g with batteries
measuring category:	CAT III 1000 V, CAT IV 600 V
item no.:	044680
recommended retail price:	384.90 €

Your specialist dealer:

BENNING

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