CLAMP METER TRUE-RMS 1000A AC/DC CATIV 600V CATIII 1000V



Part No. BM089

The Brymen BM089 is a new generation, accurate AC/DC 1000A current clamp with numerous features and a very high safety rating.

- 3 5/6 digit, 6000
- CATIV 600V CATIII 1000V
- True-RMS measurement
- Peak-RMS inrush current 80ms
- AmpTip™ low current range
- EF detection (NCV) and probe contact; audible and visual
- 3 Phase rotation detection (supply and motor)
- Crest hold (instantaneous peak-hold)
- Data hold and relative zero
- Min/Max/Avg recording
- Backlight LCD
- Diode test
- APO idle after 32 minutes
- Temperature type-K thermocouple
- Jaws 51mm cable with AmpTip™ facility

CAT IV 600V

EA QTY 1

Compliance and Safety	IEC/EN61010-1 Ed 3.0, IEC/EN61010-2-032 Ed 3, CATIII 1000V, CATIV 600V.
Contents	Each BM089 is supplied in a gift box with operating manual, soft carry bag, batteries, type-K thermocouple with plug and test leads.
Dimensions	L258 × W94 × T44mm
Batteries	2 x 1.5 AA size
Weight	392g
Spare Leads	AL04RBY Set of 3 leads, red white black with crocodile clips and safety covers. CATIV 1kV (CATII1kV without cover) Crocodile Clips rates CATIV600V

Feature	Range	Accuracy
AC Current	60.00A, 600.0A, 1000A	±1.8% + 5(+10 < 9A)
DC Current	60,00A, 600.0A, 1000A	±1.8% + 5 (+10 < 9A)
AC+DC Current	60.00A, 600.0A, 1000A, DC+AC (40Hz – 100Hz)	±2% + 7
AmpTip™ Current	60.0A AC (50Hz – 100Hz)	±1.5% + 5
	60.0A DC	±1.5% + 5
	60.00A DC+AC (DC, 40Hz – 100Hz)	±2% + 7
DC Voltage	600.0V, 1000V	±0.8% + 5
AC Voltage	600.0V, 1000V (50 – 60 Hz)	±0.8% + 5
AC+DC Voltage	600.0V, 1000V (DC, 50Hz – 60 Hz)	±1% + 7
Resistance	600.0Ω, 6.000kΩ, 60.00kΩ	± 1% + 5
Capacitance	200.0µF, 2500µF	±2% + 4
Temperature	-40.0° to 99.9° C	±1% + 0.8° C
	100° to 400° C	±1% + 1° C
DCµA	200.0µA, 2000µA	±1% + 5
	(Burden Voltage +3.5mV/µA)	±1% + 5
Frequency	600V, 1000V (5Hz – 999.9Hz)	
	60A AmpTip™ (40Hz – 400 Hz)	
	60A, 600A, 1000A (40Hz – 400Hz)	
EF-Detection (NCV)	Range (Tolerance)	LCD Bar Indication
	20V (10V – 36V)	-
	55V (23V – 83V)	- -
	110V (59V – 165V)	- - -
	220V (124V – 330V)	- - - -
	440V (250V – 600V)	- - - - -

In support of our policy of continuous product improvement we reserve the right to change materials and specifications without notice. Drawings, where used, are not to scale. All dimensions are in millimetres and sizes given are approximate. Where possible, technical MSDS data sheets are made available on the website. All products should be installed and used in accordance with manufacturer's instructions provided. Warning: products may be the subject of registered designs and patents. Refer to website for terms and conditions on warranty.