

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

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 (CATIII1kV 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) 60.0A DC 60.00A DC+AC (DC, 40Hz – 100Hz)	±1.5% + 5 ±1.5% + 5 ±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 100° to 400° C	±1% + 0.8° C ±1% + 1° C
DCμA	200.0μA, 2000μA (Burden Voltage +3.5mV/μA)	±1% + 5 ±1% + 5
Frequency	600V, 1000V (5Hz – 999.9Hz) 60A AmpTip™ (40Hz – 400 Hz) 60A, 600A, 1000A (40Hz – 400Hz)	
EF-Detection (NCV)	Range (Tolerance) 20V (10V – 36V) 55V (23V – 83V) 110V (59V – 165V) 220V (124V – 330V) 440V (250V – 600V)	LCD Bar Indication - -- --- ---- -----

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