



BRIGHT PEOPLE'S CHOICE

BM099
AC+DC TRMS
Harmonic PowerClamp™

- Direct Use on Lives **Apply to and Removal from Hazardous Live Uninsulated Conductors Permitted**
- Large 51mm AmpTip® Jaws **Easy Measure on Both Large and Slim Conductors**
- Type-K Temperature **Measures from -40.0 °C to 400.0 °C or -40.0 °F to 752.0 °F, Selectable**
- Capacitance **Measures Start & Run Motor Capacitors from 10.0µF to 999.9µF**
- Resistance **2 Ranges @ 600.0Ω and 6.000kΩ**
- Fast BeepLit™ Continuity **Quick Open-short Tests with Backlight Effects on Switches, Fuses, and Wires**
- High Accuracy 0.5% DCV **2 Ranges @ 60.00V and 999.9V**
- Direct LPF ACV **For Noisy Electrical and VFD Signals; 2 Ranges @ 60.00V and 999.9V**
- Diode Test **Quick Checks on Diodes and Rectifiers**
- High Bandwidth AC+DCV **Range @ 999.9V; Bandwidth up to 3kHz**
- AmpTip® Current **Measures at Jaw Tip for Small-sized Thin Conductors up to 40.00A**
- Regular Current **Measures at Jaws Center for Regular Conductors up to 999.9A**
- Clamp-on Hz **Measures Non-Invasive Current Frequency Via Clamp Jaws; 40Hz to 70Hz**
- AC Line-Level Hz **Measures Noisy High Voltage Frequency via Test leads; 40Hz to 70Hz**
- EF-Detection **Both Non-Contact (NCV) & Single-Probe Voltage Detection for Identifying Live Lines**
- Convenient Dual Display **Volt/Amp+THD%, Volt/Amp+DF%, (AC)VA/W/VAR+PF, and (AC+DC)VA+DCA**
- REC MAX/MIN **Compares and Records Extreme Display Readings**
- THD% of Volt/Amp Functions **Harmonic Distortion of Total or Individual Harmonics up to the 25th**
- DF% of Volt/Amp Functions **Distortion Factor of Total or Individual Harmonics up to the 25th**
- LVD with UL Listed **Power analysis Applications for CAT III 1kV & CAT IV 600V Areas**
- AC+DC Power VA **Measures Power VA in AC+DC mode with Dual Display DCA**
- Single-phase & 3-phase Balanced-load Power **Measures AC Power W, VA, and VAR with Dual Display PF**
- Relative Zero Mode **Convenient Readings Comparison & Offset**
- DC-Zero Mode **Offsets DCA residuals from magnetic hysteresis of the jaws**
- 3-phase Unbalanced-load Power **Measures and Calculates 3-wire/ 4-wire system Power W cost-effectively**
- AC, AC+DC TRMS **Ideal for Non-sinusoidal Waveforms on Voltage, Current, Harmonics, and Power**
- Rugged & Durable **Robust Fire-retarded Housing with Battery Access Door**
- Ergonomic & Streamlined Body **Fits Nicely in A Hand with Single-Handed Rotary Switch Operation**
- Data HOLD **Freezes the Displaying Reading for Later Viewing**
- Fully Auto-ranging **Shortens the Time to Measure and Increases the Ease of Use**
- Auto Power Off **Turns Off Automatically to Extend Battery Life**
- Transient Protection **8kV 1.2/50µS Lightning or Switching Surge Protection for Serious Users**
- 1kV Input Protection **Superb Protection for Misinput on All Functions and Ranges**
- Back-lighted LCD plus Working Flashlight **Easy Viewing in the Dark**
- EMC EN61326-1 Compliance **Superior Immunity to Interferences with Reliable Operations and Readings**

