

DIGITAL MULTIMETER PROFESSIONAL TRUE RMS



Part No. BM822

This digital multimeter is one of the mainstays of the CABAC range and is designed for use in heavy industry such as mining. Robust, dust proof and splash-proof, this meter has all the basic features a professional trade person will require from a DMM. It has a Lifetime of Product Warranty. If you are looking for a reliable meter that will give many years of service, then consider this excellent rugged meter.

- 4 Digit 6000/10000 count LCD
- Data hold
- True RMS measurement
- Dual digital display
- 1000V protection
- Data hold/diode tester
- Beep-Jack™ input warning
- Current range fused (600V HBC fused)
- Bar-graph
- USB Interface (optional)

EA QTY 1

|   |  |
|---|--|
| Compliance and Safety                   | Meets EN61010-1 2nd Edition CATIV 1kV  |
| Overload Protection                     | AmA & ΩA - 100kA Fuses V 1050V RMS Ω & other 600V RMS  |
| Contents                                | Each BM822 comes in a gift box with leads, operating manual, batteries installed and protective holster. |
| Tester Dimensions                       | L208 x W103 x T64.5mm with holster   |
| Batteries                               | Standard 1 x 9V 6F22   |
| Weight                                  | 340g (430g with holster)   |
| Optional accessories                    |  |
| USB Optical Cable with Special Software | BU-86X   |
| Magnet Hanger                           | BMH-01   |
| Replacement Test Leads                  | AL04   |

| Feature               | Range                        | Accuracy     |
|-----------------------|------------------------------|--------------|
| AC/DC Voltage         | 60m/600m/9.999/99.99/999.9V  | ±1% + 4      |
| AC/DC Current         | 600µ/6000µ/60m/600m/6/10A    | ± 0.8% + 4   |
| Resistance            | 600/6K/60K/600K/6M/60MΩ      | ± 0.5% + 4   |
| Capacitance           | 60n/600n/6µ/60µ/600µ/6m/25mF | ± 2% + 3     |
| Logic Level Frequency | 5Hz to 1MHz                  | ± 0.04% + 4  |
| Line Level Frequency  | 15Hz to 1kHz                 | ± 0.004% + 4 |

PROFESSIONAL DMM, INSULATION TESTER AND EARTH CONTINUITY



Part No. BM827

The BM827 is a high performance multimeter for electricians who require a very accurate DMM with innovative features with a very high CAT IV safety rating. This feature packed, digital multimeter boasts a range of test functions such as capacitance, min/max recording, crest hold and temperature measurement with type-K thermocouple.

- 4 digit, 10 000 & 6000 count LCD
- CATIV 1000V,
- 41 Segment Bargraph, 60/second update
- Backlight LCD
- Dual Digital Display
- Min/Max/Min-Max/Avg recording
- Crest/Data hold
- Relative measurement
- EF detection (NCV)
- BeepJack™ incorrect input warning
- Auto Power Off after 34 min
- PC interface USB/RS232 (optional Kit BU-86X)

EA QTY 1

|                       |  |
|-----------------------|--|
| Compliance and Safety | IEC61010-1 CATIV 1000V. EN6100-3-2, EN6100-3-3, EN6100-4-2, EN6100-4-3, EN6100-4-4, EN6100-4-5, EN6100-4-6, EN6100-4-8, EN6100-4-16, EN61326-1 |
| Contents              | Each unit is supplied in a gift box with operating manual, holster, batteries, BKP60 type 14 thermocouple and test leads with cro-clips        |
| Tester Dimensions     | L208 × W103 × T64.5mm  |
| Batteries             | 1 x 9V 6F22  |
| Weight                | 635g   |
| Optional accessories  |  |
| Magnet Hanger         | BMH-01   |
| Spare Leads           | AL04   |
| Software              | BU-86X software and PC interface cable   |

| Feature                   | Range                            | Accuracy     |
|---------------------------|----------------------------------|--------------|
| AC/DC Voltage             | 60m/600m/9.999/99.99/999.9V      | ± 1.0% + 4   |
| AC/DC Current             | 600µ/6000µ/60m/600m/6/10A        | ± 0.8% + 6   |
| Resistance                | 600/6k/60k/600k/6M/60MΩ          | ± 0.4% + 3   |
| Capacitance               | 60n/600n/6µ/60µ/600µ/6m/60m/25mF | ± 2.0% + 3   |
| Logic Level Frequency     | 15Hz to 1MHz                     | ± 0.04% + 4  |
| Line Level Frequency      | 5Hz to 1MHz                      | ± 0.004% + 4 |
| Temperature               | -50° to 1000°C                   | ±0.3% + 2°   |
| Conductance               | 0.01 to 99.99 nS                 | ±0.8% + 10   |
| Non contact EF- detection | 20V –                            | 10 - 36V     |
|                           | 55V - -                          | 23 – 83V     |
|                           | 110V - - -                       | 59 – 165 V   |
|                           | 220V - - - -                     | 124 – 330V   |
|                           | 440V - - - - -                   | 250 – 1000V  |

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.