

BellMega

By performing continuity testing simultaneously with insulation leakage resistance testing, BellMega saves you time and effort. Each BellMega unit boasts a large capacity onboard battery which provides up to 8 hours of operation time and comes with high quality, long length leads and a portable carry bag providing everything needed for efficient point to point wiring verification.



Simultaneous Insulation And Continuity Testing

BellMega is a continuity tester for point to point wiring verification that saves time by performing continuity and insulation leakage resistance testing simultaneously. It even provides earth leakage detection for the wiring being tested. The high voltage DC source is regulated to provide a stable reference for insulation breakdown resistance detection.

Features

- Calibrated to NATA lab standards
- Sturdy reliable construction
- 8 metre reach between probes
- High quality HCK Probes Quality electronic design
- Protected against live circuit (up to 350V pk)
- Self-test function

Benefits

- Portable
- Saves time by doing two tests in one process
- Rechargeable battery operated or plug pack supply
- Carry bag, lead set and battery charger included



BellMega

Insulation and Continuity Tester

MRD Rail Technologies Pty Ltd

+61 7 3821 5151

sales@mrd.com.au

www.mrd.com.au



Part Numbers

| | |
|-----------------|------------|
| BellMega | BM-510 |
| Bag | BM-510-Bag |
| Lead Set | BM-510-LS |
| Battery Charger | BM-510-BC |

Technical Specifications

General Data

| | |
|------------------------|------------------|
| Dimensions (H x W x D) | 184 x 116 x 90mm |
| Weight | 2.3kg |
| Operating Temperature | 0 to 60°C |

Electrical Data

| | |
|--|------------------------|
| Insulation leakage trip | 110M Ω |
| Insulation leakage trip response time | 250ms @ 100M/100pf |
| Insulation voltage | 500V DC + 10/-5% @ 10M |
| Insulation short circuit current | 1.5mA Max |
| Continuity threshold | 10 Ω |
| Continuity constant current | 10mA +/- 1mA |
| Continuity applied voltage | 5V DC +/- 2V (red=+) |
| Continuity response time | 400ms +/- 100ms |
| Live circuit tolerance | 250V AC/DC (350V Peak) |
| Low battery disable | 5.5V |
| Operating current (battery) | 75mA |
| Operation time (fully charged battery) | 8 Hours (Approx.) |
| Plug pack type | 9 - 24V @ 1A |
| Charge time | 3 Hours (Min) |
| Insulation sound frequency low | 1.7Khz +/- 100Hz |
| Continuity sound frequency high | 2.2Khz +/- 100Hz |
| Switch mode cycle frequency | 40 - 70Khz factory set |