



BellMega

Insulation and Continuity Tester



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.



Simultaneous Insulation and Continuity Testing

Information

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.

Features

- Portable
- Calibrated to NATA lab standards
- Sturdy reliable construction
- 8 meter reach between probes
- Battery operated or plug pack supply
- High quality HCK Probes
- Quality electronic design
- Protected against live circuit (up to 350V pk)
- Self-test function
- Carry bag, lead set and battery charger included

Benefits

- Saves time by doing two tests in one process
- Rechargeable
- Australian designed & manufactured
- Local support

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)	184mm x 116mm 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