Technical Datasheet

Digital Blasting Ohmmeters
Models BO-01, BO-02 and BO-03

Features

- The Blasting Ohmmeters show the blasting circuit resistance on a large liquid crystal display, which is easily read in both daylight and poor lighting underground.

Operation

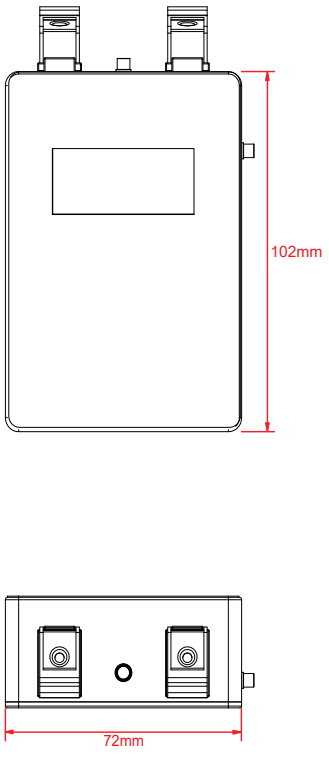
- Connect the blasting wire to the two terminals and press the power button. The LCD will display the resistance of the blasting circuit.
- SABS approved and safe for testing electric initiators at the work face. Permission to do so must be obtained from the DMR and all MHSA regulations must be adhered to.
- The Blasting Ohmmeters are powered by a replaceable PP3 9V Zinc Carbon battery. The BO-01 and BO-02 are capable of 200 hours of continuous use, while the BO-03 is capable of 20 hours of continuous use.

Notice and Maintenance

- All service work must be performed by authorised AEC Electronics personnel only.
- Approved for fiery mines.
- The Blasting Ohmmeter should only be opened to replace PP3 9V Zinc Carbon battery.
- Exposure to temperatures above 60°C will cause permanent damage to the liquid crystal display.

Specifications

Unit Dimensions



Approval Certificates		GME No. CT2.
Maximum Output Current		BO-01 and BO-02: less than 1.5mA. BO-03: less than 4mA.
Range		BO-01: 0-1999Ω (increments of 1Ω). BO-02: 0-199.9Ω (increments of 0.1Ω). BO-03: auto switch on and auto ranging: 0-199.9Ω and 0-1999Ω.
Accuracy		Better than 0.5%.
Battery	Type	PP3 9V Zinc Carbon.
	Capacity	BO-01 and BO-02: 200 hours of continuous use. BO-03: 20 hours of continuous use. Replace when display shows LO BAT.
Construction		Solid state circuitry encapsulated in silicone rubber.
Unit Dimensions		102mm x 72mm x 32mm.
Unit Mass		0.24kg.
Temperature Range		-5°C to 45°C.

Warning and Disclaimer

The information and recommendations in this document are provided for reference purposes only and should not be construed as advice to cover every application of the product or variation of conditions under which the product may be used.

AECE

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