



TESTeze – A00648

**ELECTRONIC DEADLINE
TESTER**

Operation Manual

Electronic Deadline Tester Manual
Part number: A00648

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Bramco Electronics

2 Callistemon Close,
Warabrook NSW 2304
Australia
www.bramco.com.au

Ph: +61 2 4014 4444

Fax: +61 2 4967 4100

Email: sales@bramco.com.au

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Overview

TesteZe is a 1000v deadline tester. It is fully functional with both AC and DC voltages with six indication points from 50V to 1000V. This unit is purely dedicated to maximising the safety of maintenance staff. It has an internal test function which tests the electronics and the flexible test lead. It has an auto power up feature which ensures the unit is operation whenever voltages greater than 40 volts are detected. It also has an automatic timeout function to conserve the battery and a battery healthy indicator. The tester itself is ergonomically designed in a neat attractive package.

1. Why TESTeZe?

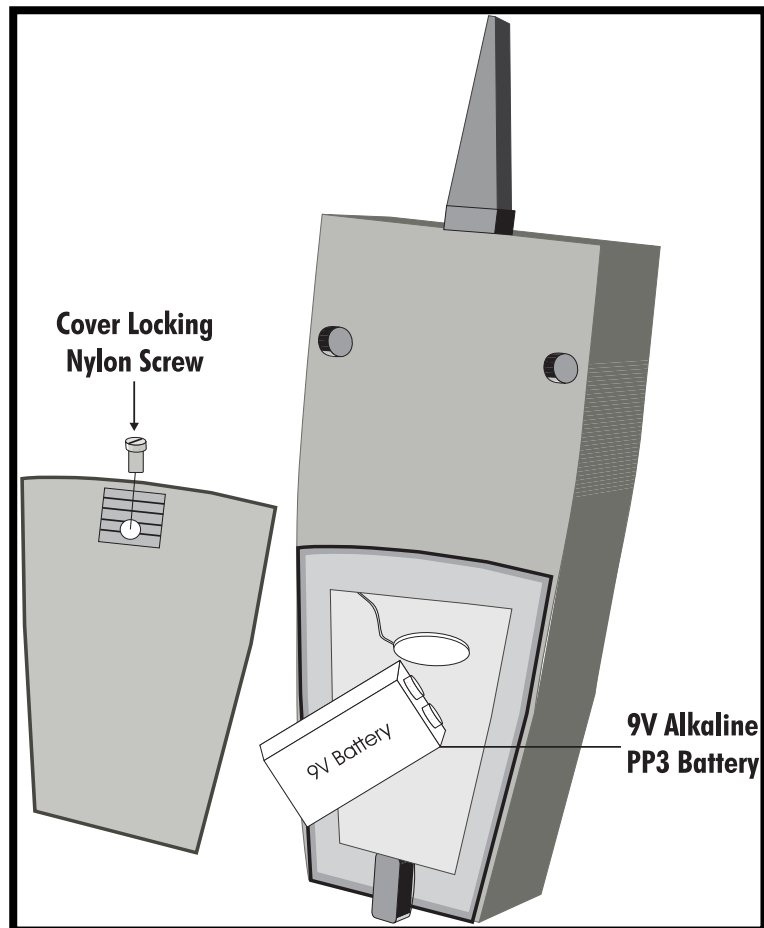
Multipurpose multimeters rely on a mechanical switch to change functions. All mechanical switches have a limited lifespan and because one function is operational **does not** guarantee that others are. Is the voltage metering functional? Has DC been selected instead of AC? Is the correct range nominated? There are many areas where a standard multimeter will fall down in the area of confidence when it really counts. Due to these factors a dedicated deadline tester is required when real safety matters are at hand. TESTeZe can be functionally tested at any time alleviating operational doubts and guaranteeing the integrity of the flexible test lead. TESTeZe gives the user confidence in voltage detection.

2. Features

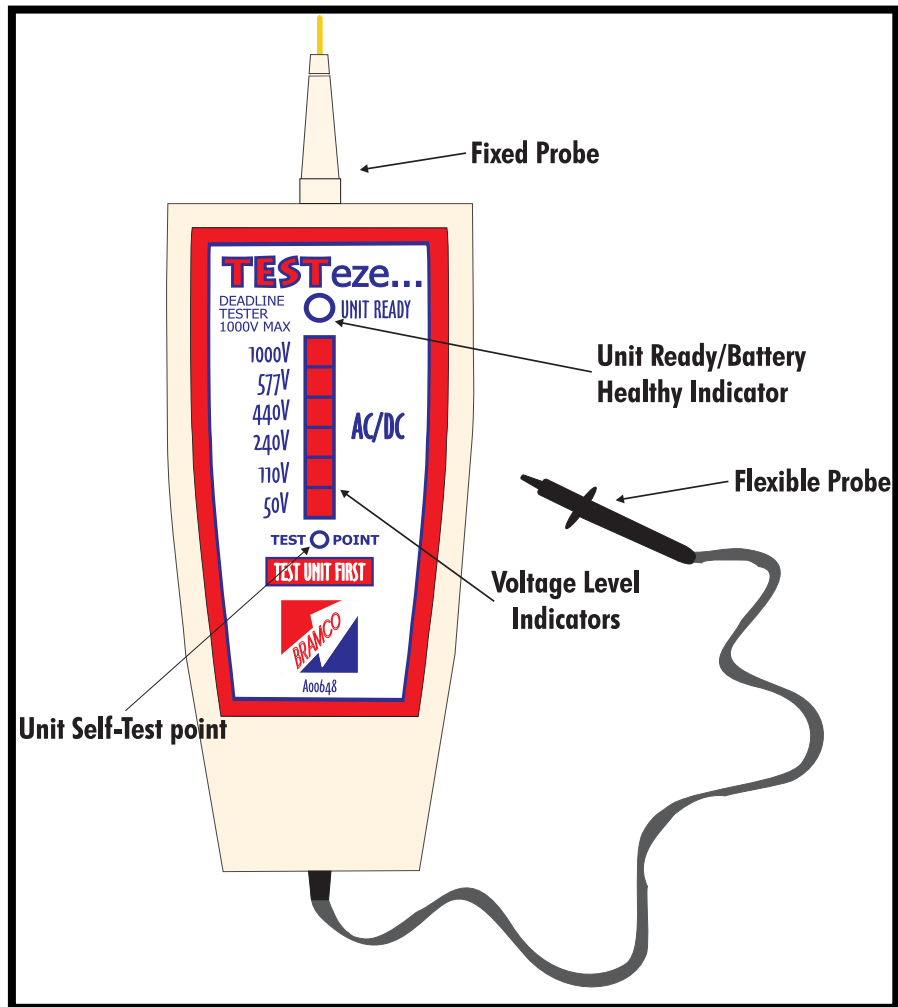
- 1000v AC/DC testing capability
- 6 distinct voltage level indicators
- Self test feature
- Auto Power up on voltages greater than 40V
- Auto Shutdown for long battery life (30 seconds)
- Fully automated operation (no switching required)
- Battery healthy/Unit operative indication
- Ergonomically designed

3. Battery Replacement

- Ensure that both probes have been removed from any potential voltage sources.
- Remove the nylon screw from the battery cover (refer diagram)
- Carefully lift battery cover and disconnect the battery snap connector from the discharged battery.
- Snap the battery connector to the new battery (9V Alkaline PP3 battery).
- Re-insert the new battery into the case. Caution is required to prevent the battery leads and rear probe lead from being pinched.
- Replace the cover and reinstall the screw gently with a screwdriver.



4. Function Description



5. General Specification

Maximum Working Voltage:	1000V AC/DC
Power Supply:	9V Alkaline PP3 Battery
Operating Temperature:	0 – 50°C
Maximum Humidity:	80% (No wetting)
Altitude:	Up to 2000m
Dimensions:	220 x 65mm (including fixed probe)
Weight:	192g

6. Operating Instructions

- Insert flexible probe into Unit Test Point.
- Ensure “UNIT READY” green indicator is on.
- Ensure all 6 red voltage level indicators are on.
- Remove flexible probe from Unit Test Point.
- Ensure “UNIT READY” green indicator, is still on and remains on throughout the voltage test.
- Conduct voltage test. If a red indicator/s appear then a voltage, approximately equivalent to the level indicated, is present and due care should be exercised.
- Repeat steps 1 to 5 as a final check to ensure that the unit is operational.

Note 1: The absence of the “UNIT READY” indicator at any stage of the self-test operation indicates a low battery condition and the battery should be replaced before further use.

Note 2: Unit is not for continuous monitoring purposes. Do not maintain contact with high voltages for extended periods of time.

7. Safety Information

The following should be observed for safe operation and condition:

- Do not measure voltages in excess of 1000v AC/DC
- Do not attempt to touch the probe tip when measuring voltage
- To avoid electric shock do not attempt to change battery or open the case whilst measuring voltage.
- **At regular intervals** (once per working day) test the functionality of the unit with a known live source to ensure complete reliability
- Do not use if the enclosure or associated equipment have been damaged. Return to factory for repair.
- Do not attempt to repair, replace or ignore damaged or missing parts as this may affect unit safety. Return to Bramco for repair.
- Regularly clean unit to remove contaminates which may impair clearances.

8. Maintenance

- Do not use abrasives or solvents and periodically wipe the case with a damp cloth and detergent.
- Using a cotton pipe cleaner, gently remove any contaminates from test point tube.
- Physically examine the unit the ensure enclosure, cable and associated equipment are not damaged or missing.

