# FENCE & BATTERY DIGITAL TESTER

### **Battery replacement:**

Battery must be installed before initial use. If the unit flashes an 'error' code during testing or shows no measurement when testing an active energizer (flashing or clicking is evident), replace the battery.

- 1. Remove screws holding back cover to unit
- 2. Remove old 9V battery (if applicable) and attach new battery
- 3. Replace cover

## To test the energizer:

The output voltage of an electric fence energizer should be **at least 5000V.** If the voltage is below 5000V, then the energizer may have a problem. If the voltage is above 5000V, then the trouble lies with your fence or **ground system**.

- 1. Turn off energizer
- 2. Disconnect ground and fence leads from the energizer
- 3. Turn on energizer
- 4. Touch ground probe to energizer's ground terminal
- 5. Touch the tester's metal tip to energizer's fence terminal
- 6. Digital display shows voltage in kilovolts (e.g. 5.0 = 5000V)

## To test the fence:

Check the voltage to ensure the fence is properly electrified <u>before</u> introducing animals. Confirm voltage is **at least 3000V at the end of the fence line.** 

- 1. Insert corded probe into the soil
- 2. Touch the tester's metal tip to an energized fence strand
- 3. Digital display shows voltage in kilovolts (e.g. 3.0 = 3000V)
- 4. Pull meter away from fence, then remove the probe from the soil (when pulling, use the probe handle, not the cord, to prevent damage to the wire)

### To test a battery:

The voltage of a fully charged 12V battery is **not lower than 12.6 volts.** A 40% charge will read 12.2 volts. Recharge the battery if the voltage is below 12.2 volts.

- 1. Disconnect battery from energizer, solar panel or charging station
- 2. Touch the ground probe to the negative terminal of the battery
- 3. Touch the tester's metal tip to the positive terminal of the battery
- 4. Digital display shows voltage in volts (e.g. 12.7 = 12.7 volts)



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