

# Digital Voltmeter Instructions

#132000

The Digital Voltmeter allows you to check the voltage at any location on your electric fence system. The tester operates on a 9V battery and automatically switches “on” and “off”. It is capable of measuring pulses between 600 and 10,000 volts.

## To use:

1. Insert probe **(A.)** into the ground.
2. Attach voltmeter clip **(B.)** to any conductive portion of the fence.
3. Read the digital readout of volts. It is shown in kV (2.7 kV = 2700 volts).
4. Remove voltmeter clip from fence, then gently remove the probe from the ground (do not pull the wire, only grab the metal probe to remove).

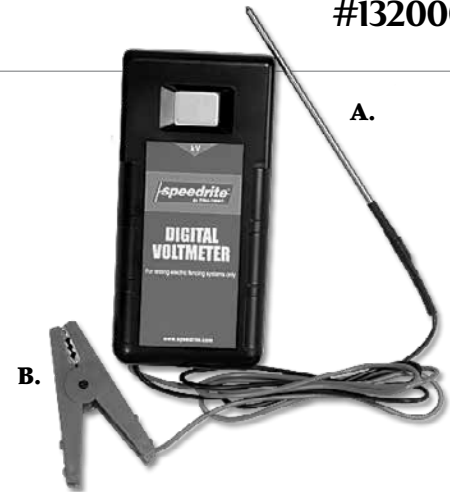
Voltage levels of 3000 volts or more are considered to be effective for trained animals in most fencing applications. The higher the voltage levels, the more secure your fencing system will be.

## Trouble shooting

If your fence voltage is below 3000 volts or has diminished significantly from previous tests, perform the following steps to determine if the problem is your tester or your fence.

1. Disconnect the fence from your energizer and test across the two terminals on the energizer. If the readout is higher than what you found when you tested the fence, the fence is the culprit. However, if the voltage readout remains suspicious, the problem may be with the voltmeter. Check the battery (see information below) before “giving up” on the tester.
2. The internal battery can also affect the accuracy of the digital reading. If either of the following is observed, change the battery (remove the screw on the back of the voltmeter to do so) and retest your fence.
  - a) The luminosity of the output reading becomes weak.
  - b) Voltage readings drop with each pulse (at the same fence location).

If you are still experiencing trouble, call Premier’s fence consultants. They will help determine the best solution for your situation.



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