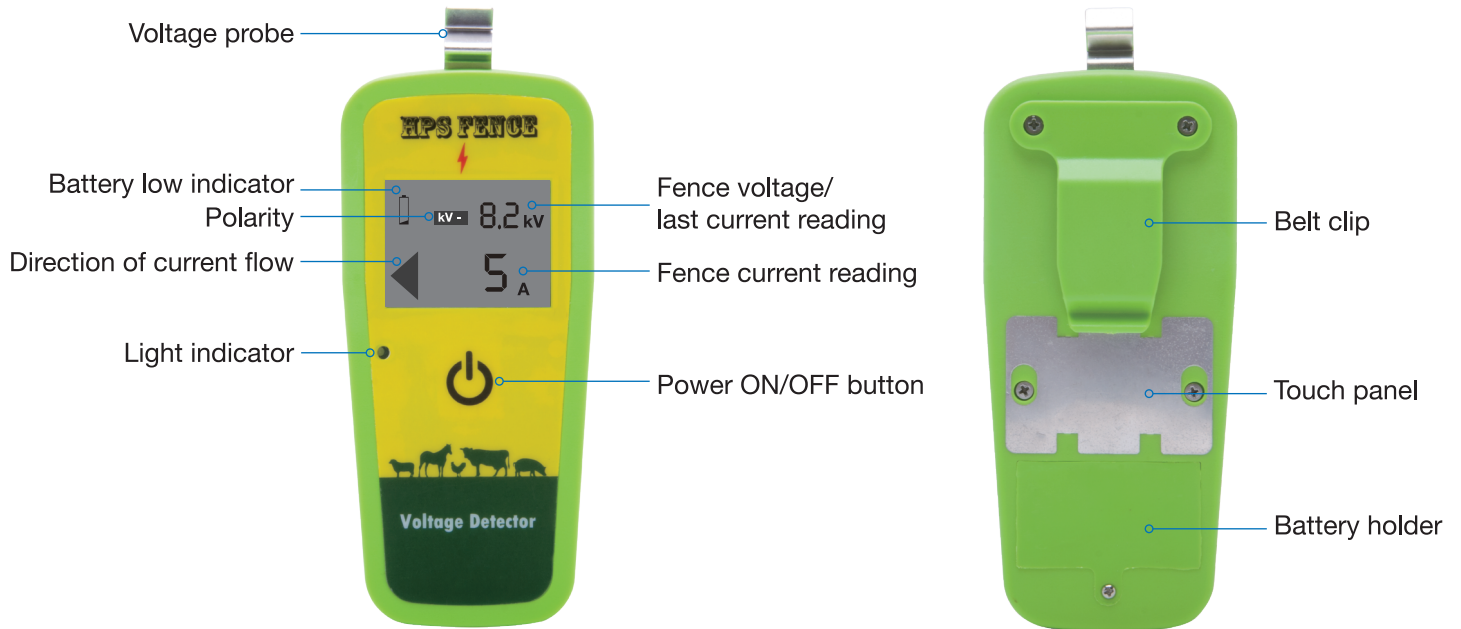


Electric Fence Fault Finder User Guide

Introduction

LCD fence tester is widely applied to test whether the electric fence works normally or not.

- * Provides instant feedback on fence performance (voltage and current) .
- * Detect the location of faults anywhere on the electric fence system.



First-time Set Up

The LCD fence tester should be set for correct polarity voltage pulses from the energizer.

1. At first please moving the fence tester away from electric fence to ensure no fence pluse can be detected, then press and hold power button for >2 seconds, "0.0 KV" will shows in LCD screen.
2. Go close to where the energizer lead out wires connect to main fence.
3. Hook the LCD fence tester onto an un-insulated wire of fence, and read the LCD display.
If the current direction arrow point away from the energizer, the polarity setting is correct and no further adjustment is required.
Or, releasing the button, the following steps is required.
4. Repeat step 1, press and hold power button for > 10 seconds, KV+ or KV- will change.
5. Release the power button. Repeat step 1, 2, 3. The current direction arrow will change.

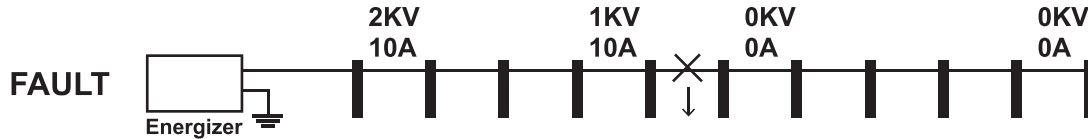
Using The Fence Fault Finder

1. At first please moving the fence tester away from electric fence to ensure no fence pluse can be detected, then press and hold power button for > 2 seconds, "0.0 KV" will shows in LCD screen.
2. Keep a firm contact and note the current reading.
3. Walk down the fence line and take measuring at regular intervals and at any junction point. After using LCD fence tester several times, you will come to know the normal current and voltage readings about the fence.
4. If the voltage reading falls suddenly along a fence branch, there is probably a fault between this and the last reading. Retrace to find the fault.

Single Electric Wire



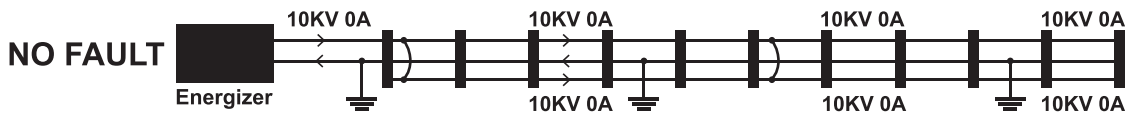
The voltage and current reading as above picture indicates there is no fault on the fence line.



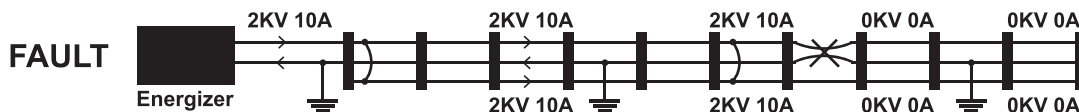
The voltage reading is particularly low and current reading is particularly high indicating there is a fault somewhere on the fence line.

The significant reduction in current between the two readings(10A and 0A) indicates that the fault is located somewhere between these points on the fence line.

Earth Wire Return



The voltage and current reading as above picture indicates there is no fault on the fence line.



The voltage reading is particularly low and current reading is particularly high indicating there is a fault somewhere on the fence line.

The significant reduction in current between the two readings(10A and 0A) indicates that the fault is located somewhere between these points on the fence line. In this case, the two wires may be connecting with each other, causing a fault.

Battery

When  flashes in LCD screen, the battery needs replacement.

1. Unscrew the battery holder.
2. Take out the old battery and replace a new 9V battery.
3. Installed the battery holder with screws.

Special Remark

1. Current readings taken within 1 meter of an energizer may not be completely accurate, because the magnetic field surrounding the energizer.
2. Do not let the fence tester exposed to the sunlight directly, not put it on the vehicle dashboard.
3. If the fence tester gets dirty, please only clean it with a damp cloth.