

Lameness Locator™ Quick Start Guide

Turning on the Sensors: [*Training Manual**, page 8] Push the small black button on the top of the sensor. The LED will blink until connected to the tablet PC.

Instrumenting the Horse: [*Training Manual*, page 9-16]

Head Sensor: Attach either to felt head bumper on head halter or directly to head halter. The LED should face forward.

Right Forelimb Sensor: Attach to dorsal aspect of the right forelimb pastern with cloth tape or by using supplied pastern wrap pouch. Sensor label should face away from the limb and the LED should face upward.

Pelvic Sensor: Attach to a strip of 3M Dual Lock tape placed between the tubera sacrale on the midline of the pelvis. The LED should face forward.

Collecting Data: [*Training Manual*, page 23-41] Double-click the Lameness Locator™ icon on the tablet PC.

- 1) Insert the USB receiver into a USB port in the tablet PC
- 2) Select Manage Horses and Owners from the Actions drop down menu
- 3) Click green activation button
- 4) Select New Owner
- 5) Enter owner name in Name or Company text box
- 6) Select Apply
- 7) Select Manage Horses
- 8) Select New Horse
- 9) Enter horse's name in Name text box
- 10) Select Apply
- 11) Ensure the correct horse is displayed in Current Horse drop down box (and ensure Current Sensor group is displayed, if applicable). Otherwise, select the correct horse and sensor group.
- 12) Turn on sensors and attach sensors to horse (if not already completed)
- 13) Select Connect to Sensors on the Lameness Locator™ start screen
- 14) Wait for sensor connection (sensor battery voltages will be displayed)
- 15) Select the Start button
- 16) Enter trial information
- 17) Click OK when ready to collect
- 18) Collect data by getting at least 25 strides for the analysis. It is best to get at least six contiguous strides for every portion of a collected data set, i.e. before the horse turns around and trots back. See "Rules of Thumb for Collecting Good Data" section [*Training Manual*, page 33-34] for more tips.
- 19) (Optional step) Select the Pause button to pause the data collection. Reinitiate data collection by selecting the Start button.
- 20) Stop data collection by pressing the Stop button
- 21) Select the desired option in the Amend Trial Information – Save/Discard Data window

Analyzing the Data:

Is the selection correct?: [*Training Manual*, page 50]

Do you want to remove outlier strides?: [*Training Manual*, page 54-56]

Turning off the Sensors: [*Training Manual*, page 17] Hold the small on/off button down for a full five seconds. The LED will turn off when the sensor is successfully turned off.

*The Lameness Locator™ Training Manual can be accessed in the tutorial section of the Equinosis™ website at <http://www.equinosis.com/tutorial.html>.