

# Range of Motion Inclinometer

Model ACU100

The Lafayette Range of Motion Inclinometer is a wireless digital goniometer/inclinometer that is capable of **taking measurements in three different planes**. It can record maximal range of motion movements in **flexion/extension, rotation, or front to back**. An easy-to-read LCD screen **displays the real-time angle** along with up to six previously recorded measurements. It is capable of **wireless communication with a second unit for dual inclinometer joint measurements**.



## Features

- Take measurements in **three axis**
- Wireless connection for **dual inclinometer measurements**
- Designed for **high inter and intra-instrument reproducibility**
- **Built-in data storage and browsing** for up to 250 tests
- Measurement **range 0-360 degrees**
- Available **tone indicator** for start and stop
- Interactive menus allow **simple selection of device options**
- Powered by **rechargeable battery**
- Strap kit for **hands-free operation**



## Specifications

- Size: 4.61" x 3.27" x 0.97" (11.7cm x 8.3cm x 2.46cm)
- Weight: 121.4 g
- Accuracy:  $\pm 1\%$  over full range in vertical axis,  
 $\pm 2\%$  over full range in horizontal axis
- Resolution: 0.1 degrees
- 50 ms sample rate
- Battery Life: 10 hours