

# LTS2030 Tendon Hammer Sensor

*Lt Sensors Series*

## Description

The Lt Sensors Tendon Hammer Sensor provides triggering, timer, or marker signals. It is constructed from anodized aluminium and features a rubber head.

## Operation

A piezo-electric sensor within the head, provides a momentary pulse when a surface is struck with the hammer. The strength of this pulse is proportional to the striking force. The hammer is used for mechanical triggering in human reflex studies to stimulate muscle spindles which elicit muscle contractions.

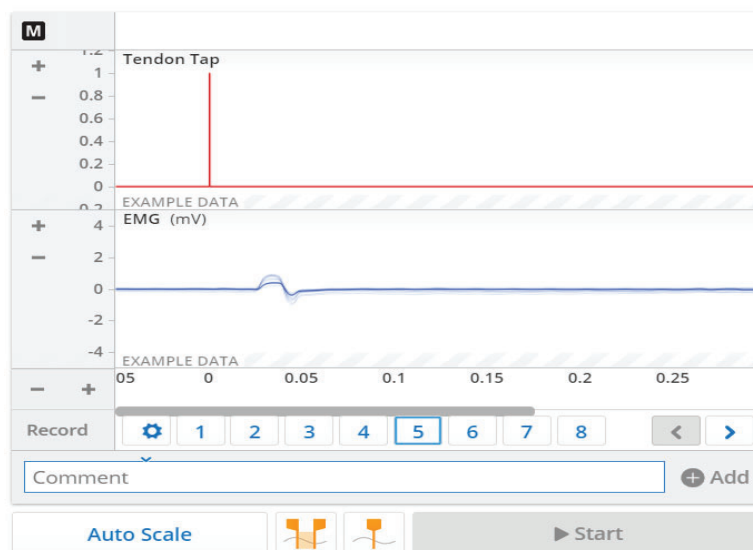


To use the Tendon Hammer Sensor, plug the sensor into the USB port of a laptop or desktop computer, with a Windows operating system. Alternatively, plug the sensor into a USB hub connected to that computer. A green LED on the connector housing indicates the transducer is receiving power and is ready for use.

## Application

The hammer is used for mechanical triggering in human reflex studies to stimulate muscle spindles which elicit muscle contractions.

## Typical Data



*Knee-jerk reflex*

## Caution

Read "Statement of Intended Use" on our website.

## Specifications

|                           |                                   |
|---------------------------|-----------------------------------|
| Sensor:                   | Piezo-electric                    |
| Output Voltage:           | 0 to 2 V                          |
| Material:                 | Anodized aluminium and SBR rubber |
| Cable length:             | 2m (6.5')                         |
| Connector:                | USB                               |
| Weight (including cable): | 210 g (7.4 oz)                    |

All specifications were tested at the time of printing and are subject to change.

## Ordering Information

LTS2030 Tendon Hammer Sensor

For use with:  
Laptop or desktop computer with Windows operating system