

SEN2031 Tendon Hammer Sensor

PowerLab Sensors Series

Description

The PowerLab 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 or Mac operating system. Alternatively, plug the sensor into the PowerLab T1 or 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:	1.8 m (5.9')
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

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For use with:

Laptop or desktop computer with Windows or Mac operating system