

Linear Force Measurement Load Cell for Noraxon cable and telemetry systems

- Uses Standard Noraxon Plug-In Capability
- Measures pull and push force
- Can be used for static force tests with cable and training equipment
- Available in two sizes/ranges



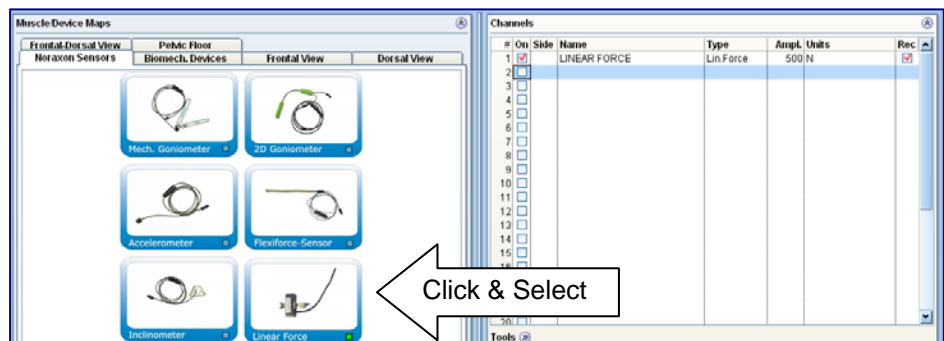
Product Overview

The Inline Force Sensor is a precision load cell allowing measurement of both tension and compression. The sensor has plug-in functionality with the MyoSystem 1400A / L, the TeLeMyo System 2400 and the **NEW** hand-held system MyoTrace 400. The Inline Force Sensor can be used in any of the EMG channels. The built-in amplifier guarantees flexible and easy use. The sensor is available in two sizes / measurement ranges:

- 0-100 lb-F (0-444 N)
- 0-500 lb-F (0-2224 N)



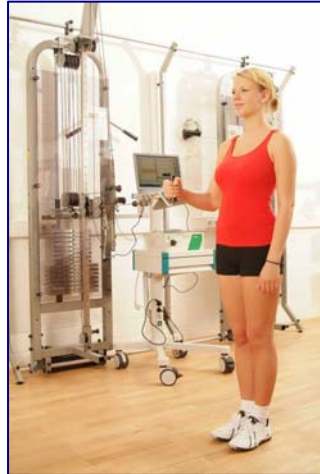
The sensor has a predefined measurement setup in all the Noraxon software packages and is operational in a few seconds:



MyoResearch XP sensor selection screen

Application Examples

The sensor can be used with any commercial cable training machine. This arrangement allows you to create numerous test positions to test static force in a functional manner. Such test setups can be used to document therapy and training improvements.



Force cell used in a commercial cable training machine



The sensor can be integrated with most cable machines

A special adapter allows you to attach the sensor to weight stack belts of exercise machines without cutting the belt. The same sensor will work on various machines.



Special belt adapter

Specifications

Features:

- Accurately measures forces up to 100 or 500 pounds
- Measures both tension and compression (negative output)

Limits:

- Input Force Range: +/- 500 lb-F (+/- 2224 N)
- Output Signal Range: -5 volts to +5 volts
- Sensitivity for 500 lb Sensor: 10mV / lb-F (2.27 mV / N)
- Sensitivity for 100 lb Sensor: 50mV / lb-F (11.35 mV / N)

- Inline Cable Length: 5 ft (1.5 m)