

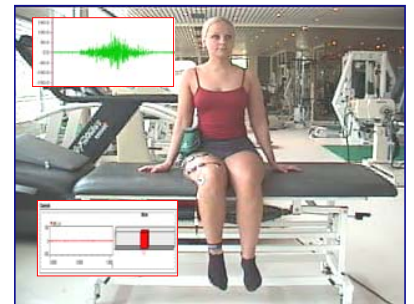
## Product and Performance Characteristics

Please refer to this document as a guide when deciding on the right EMG Company and products for your needs. Additional information can be found on the individual Product Datasheets, all of which are listed on the Noraxon USA, Inc. Web site at : [www.noraxon.com](http://www.noraxon.com) or directly with a qualified service team member.

- High-end, Multi-channel EMG Units
- Comprehensive Software Packages
- Extensive Line of Biomechanical Sensors
- Qualified Distribution Channels and Customer Support

## Choose the Market Leader

Noraxon has been manufacturing and distributing high-end surface and fine-wire electromyography (EMG) systems, software, electrodes and accessories since 1989. With more than 400 installations all over the world, Noraxon is the market leader for tethered and wireless, multi-channel EMG systems.



Unfiltered artifact-free EMG signal

## You Are In Good Hands

Noraxon's user list consists of numerous prestigious universities, top research institutes and athletic training facilities from around the world. Our instruments have frequently been used in studies resulting in numerous articles, published in some of the world's most reputable, peer-reviewed journals and publications. Due to the significance of EMG, more and more units are being used in applied biomechanics research, sports training, rehabilitation clinics and ergonomic workplace studies or product design applications. Take a look at our 'Client List' document to see some of our users.

## Only the Highest-quality Technological Devices

Noraxon's products are designed with our patented artifact-free EMG signal amplifier technology. The systems measure and analyze raw EMG signals at full band pass (10-500 Hz EMG and 10-1000 Hz fine-wire) without any notch-filtering. The active feedback loop within the detection process eliminates artifacts prior to pre-amplification. The result is a very clean, reliable and repeatable EMG signal, even under the most difficult conditions. Noraxon's products have been granted US and International patents. Noraxon products are manufactured according to GMP procedures and are FDA or CE approved.

## A Complete Line of Products

Noraxon supports the most complete line of EMG products, from handheld 2 channel EMG biofeedback units, to data acquisition and analysis software, to multi-functional 32-channel units. Our units can be upgraded at any time for a variety of applications, which allows you to easily expand your system to meet any future needs and projects.



Feedback



Cable units



Telemetry



Sensors

## Expansion and Interface Capabilities

Noraxon products are recognized for their flexible interface capabilities with our line of biomechanical sensors. Examples of our latest line of sensors include: foot switches, force and angle meters, inclinometers and accelerometers. Noraxon products also interface with some of the most popular motion measurement systems on the market, such as: goniometers, foot switches, strain-gauges and force plates. Noraxon also offers special interface connections for isokinetic devices, force plates and other external measurement devices.

## New Product Developments

Noraxon represents the latest in state-of-the-art EMG technology. With the new MyoSystem 1400A EMG instrument, which is designed with an internal A/D converter and PC connection by USB interface, or the new TeleMyo telemetric wireless system, we provide endless measuring possibilities. Flexible data communication and open interfaces within the input and output systems ensure that you will never face a technical dead end.

## Software that Does the Job - MyoResearch XP

MyoResearch XP is a comprehensive data acquisition and analysis software that provides real-time feedback of EMG and other analog signals for viewing, analysis, reporting and documenting multiple protocols.

We developed MyoResearch XP in collaboration with top researchers from various disciplines worldwide and with extensive planning and development of EMG specific analysis protocols.



Measurement monitor with raw and real time processed data, combined video and feedback window.

## Unique Automatic Application Protocol Features

Noraxon has developed and implemented specialized protocols that have been replicated from research studies and practical experience. They can be customized at any time. Skilled users can create their own routines and store them for future automatic use. For example:



- Clinical Muscle Function Tests
- EMG & Isokinetics
- Universal Movement Analysis
- Gait Analysis
- Timing & Onset Analysis
- Jump Test
- Fatigue & Frequency Studies
- Ergonomic Protocols
- EMG Biofeedback Training
- Incontinence Protocols

### Quick and Easy to Learn

From manual muscle function tests, to TTL triggered multi-sensor gait analysis with combined movement analysis, you receive ready-to-go data analysis reports in a few mouse clicks.

The ease-of-use and speed accompanied with maximum flexibility is probably the most important investment you will make: you will quickly appreciate it by saving hundreds of hours of post-record processing and analysis.

### Superior Service, Support and Training

Noraxon's experienced and professional SEMG specialists are ready to assist you with your questions and comments. You can directly contact the software and hardware developers by telephone or e-mail to discuss your issues; quick and knowledgeable feedback is ensured.

Noraxon's Web site (<http://www.noraxon.com>) is another great resource that offers current product information and updates, support and training information, and additional resources to assist you in becoming more familiar with SEMG technology.

At Noraxon, you are guaranteed superior service, support, and training for all SEMG needs.