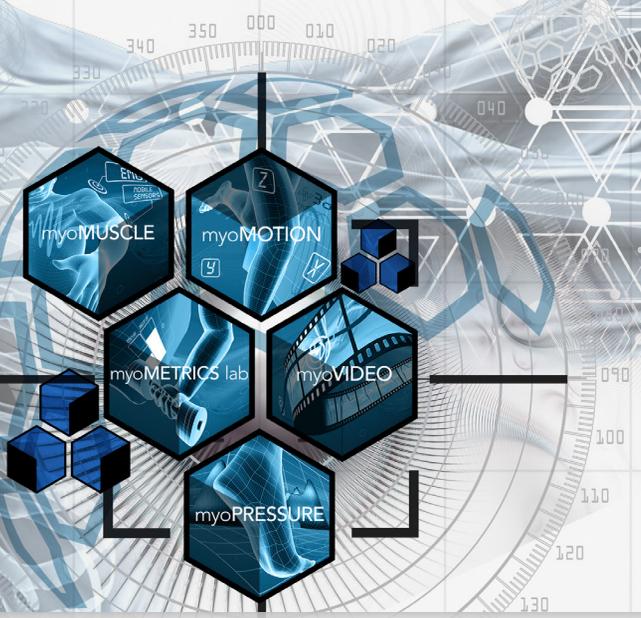


NORAXON

Superior Evidence-Based Biomechanics



EVIDENCE-BASED BIOMECHANICS

BEST IN CLASS

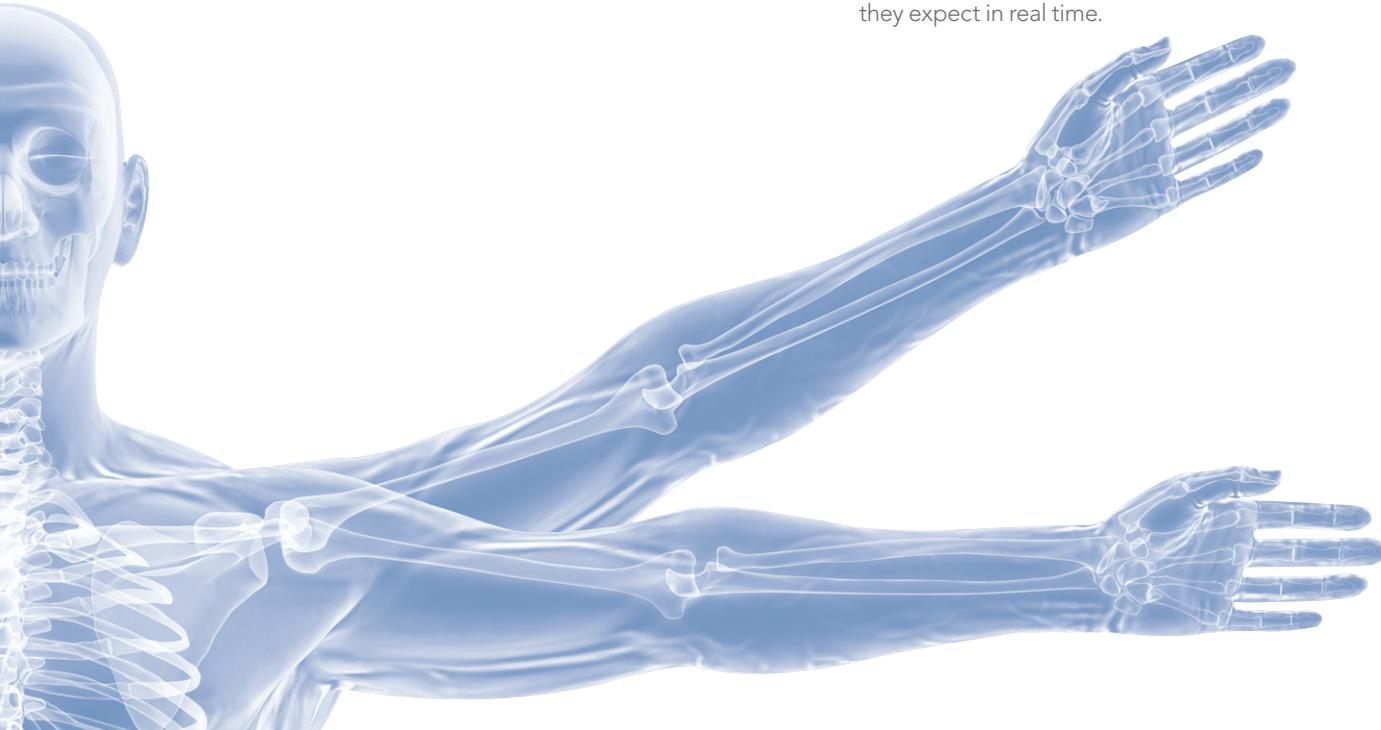
Technology

Software

Customer Service

EVIDENCE-BASED ADVANTAGE

We invite you to experience the highest quality, state-of-the-art measurement and analysis solutions, through the simplification and application of cutting-edge technology, software, accessories and customer service. We have dedicated Noraxon to providing our customers with the support and answers they expect in real time.



ADVANCED DIAGNOSTICS STREAMLINE EVIDENCE-BASED RESULTS

myo**MUSCLE**

Surface Electromyography (EMG) solutions enable you to observe true muscle activation patterns, establish a treatment plan and monitor real progress.

myo**MOTION**

Wireless 3D Kinematic System reveal what's unnoticeable to the naked eye, from small angular displacements to major movement pattern compensations, without the use of cameras.

myo**VIDEO**

Integrated 2D Video solution uses powerful analysis software to capture and compare markers for multiple joints, angle tracking, gait analysis, sports performance analysis and more.

myo**METRICS**

myoMETRICS lab is literally an all-in-one research-grade solution that instantly sets your team up as the leader in biomechanical assessment. It's a cutting-edge, turnkey solution that includes all the equipment, software, configuration to your needs, training, furnishings and installation.

myo**PRESSURE**

Force Distribution Measurement systems analyze force, time, and spatial parameters—for static load distribution, roll off analysis, gait reporting capabilities and more.

ENABLING

efficient, reliable analysis



SURFACE EMG OF THE FUTURE—TODAY

Wireless

Direct Transmission System (DTS) technology, for surface EMG and other biomechanical sensors, utilizes the most advanced technology to wirelessly transmit data.

Precise

The small, lightweight surface probes withstand rigorous testing while providing freedom of movement and precise measurements. Positioned away from the top of the electrode site, they allow for a clean and artifact-free signal.

Simple

The Clinical DTS signal is pre-processed to give clinicians clean, easy-to-read signals that are ready for analysis.

Fast

The easy-to-use reports enable quick comparison of multiple records and are suitable for submission to EMRs and insurance.

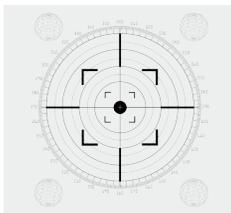
Functional

The desktop DTS can operate in stand-alone analog out mode for one-step syncing with motion capture and other peripheral equipment.



A CLEAR

perspective on body motion



THE BEST 2D VIDEO

Classic

Video playback with an incorporated multi-screen mode makes our integrated 2D video system extremely powerful.

Robust

Precise industry-leading algorithms automatically track angle curves based on three or four reflective markers, or an unlimited chain of angles. Intuitive video analysis and processing tools allow for in-depth assessments and visually appealing, side-by-side comparisons.

Practical

Engaging and educational reports feature trajectory, displacement, range of motion or even tilt angles and distance measurement, all generated with a few mouse clicks.

Accessible

All raw data is exportable in its entirety.

Simple

Based on a four-step process with hidden toolbars accessible when you need them, capturing and analyzing video couldn't be faster or easier.



3D

with freedom and flexibility



INNOVATIVE, PORTABLE MOTION CAPTURE

Wireless

myoMOTION enables the capture of human motion in three degrees of freedom (3-DOF), wirelessly.

Portable

An extremely compact and lightweight Inertial Measurement Unit (IMU) placed on any segment of the body precisely tracks the 3D angular orientation of that body section.

Range of Motion

By positioning individual IMU sensors on two contiguous body segments, the intervening joint ROM can be determined, acting as a virtual goniometer.

Full Body

This concept is easily expandable from a single joint of interest to a simultaneous full body measurement across all major articulations.

Versatile

Precise measurements for accelerations, angular velocity and angular orientation; all able to be combined with EMG, Video and Pressure measurements.



STEP FORWARD

superior evidence-based biomechanics



LEADING-EDGE GAIT AND PRESSURE ANALYSIS



FDM-T

FORCE DISTRIBUTION MEASUREMENT TREADMILL

More than 5,300 individually calibrated capacitive sensors built into the treadmill's deck enable you to analyze the distribution of force and pressure during standing, walking and running—in less than 30 seconds. An easy-to-read report provides side-by-side comparisons of pressure, spatial and temporal parameters.

FDM-S/SX

MULTIFUNCTION FORCE MEASURING PLATES

Analyze the distribution of static and dynamic forces during standing or walking with more than 2,000 individually-calibrated capacitive sensors. Quickly and efficiently conduct stance tests, roll-off patterns or balance and equilibrium analyses.

Medilogic

WIRELESS INSOLE PRESSURE MEASURING SYSTEM

These thin, flexible insoles, with up to 240 sensors, record static and dynamic pressure under the foot inside the shoe.



BRING IT ALL
together for your staff

THE ELITE, ALL-IN-ONE ASSESSMENT ENVIRONMENT

myoMETRICS lab IS A COMPREHENSIVE RESEARCH-GRADE SOLUTION.

This revolutionary turnkey evidence-based solution includes the equipment, hardware, software, configuration, training, furnishings and installation required. Now you can provide cutting edge biomechanics assessments no matter the size of your space and we've eliminated configuration and training nightmares. It's plug and play, and it's available for you to showcase your expertise in a matter of days.

Establishes a true evidence-based environment with easy-to-use, industry-leading assessment technology.

- o Enables superior efficacy that can only be achieved with elite biomechanics measurement capabilities.
- o Positions patients to improve and follow-through on their therapies.
- o Ensures evidence-based diagnostic justification.



myoMETRICS lab
fuels your excellence

AN EVIDENCE-BASED GAME CHANGER

SCALED TO YOUR ENVIRONMENT.

myoMETRICS lab fuels excellence with the clarity that only evidence-based analysis can provide. This comprehensive suite of assessment tools empowers evidence-based professionals, their patients, clients and athletes to all take their efficacy to the next level. That's why when it comes to evidence-based diagnostics, myoMETRICS lab is a true game changer.



NORAXON
Superior Evidence-Based Biomechanics

CREATE

infinite flexibility for your team



QUICK, EFFICIENT &
SYNCHRONOUS REPORTS



CONTINUUM OF SOLUTIONS

OUR BIOINFORMATICS SOFTWARE PLATFORM SCALES TO YOUR SPECIFIC NEEDS

Broad-based flexibility, developed leveraging 25 years of collaboration with the research, medical and human performance communities, enables you to eliminate data "dead ends" by applying our platform to virtually any project, any study or any assessment.

RESEARCH

Streamline the process in order to expand your sample size 20x within the same time period.

CLINICAL

Scalable from a single clinician's office to the expanded demands of multi-hospital settings.

HUMAN PERFORMANCE

Perform whole body analysis within the office or lab, or in the athlete's environment.



EVIDENCE-BASED

technology solutions essential for today

Through a single or integrated multi-device package, the reliable, evidence-based data you need will always be right at hand—precisely when you need it.

Our biomechanical technology solutions enable you to more accurately:

- Observe
- Measure
- Analyze
- Evaluate
- Diagnose
- Communicate
- Report



Evidence-based professionals in a variety of fields are increasingly striving to incorporate more evidence-based diagnostic technology into their research, clinical and human performance practices.

ENVIRONMENTS:

- Hospital
- Clinical
- Human Performance
- Rehab
- myoPREHAB™
- Manufacturing R&D
- Athletic Training/Coaching

LABORATORIES:

- Biomechanics Labs
- Hospital Labs
- University Labs
- Industrial Labs
- Sports Research
- Ergonomics

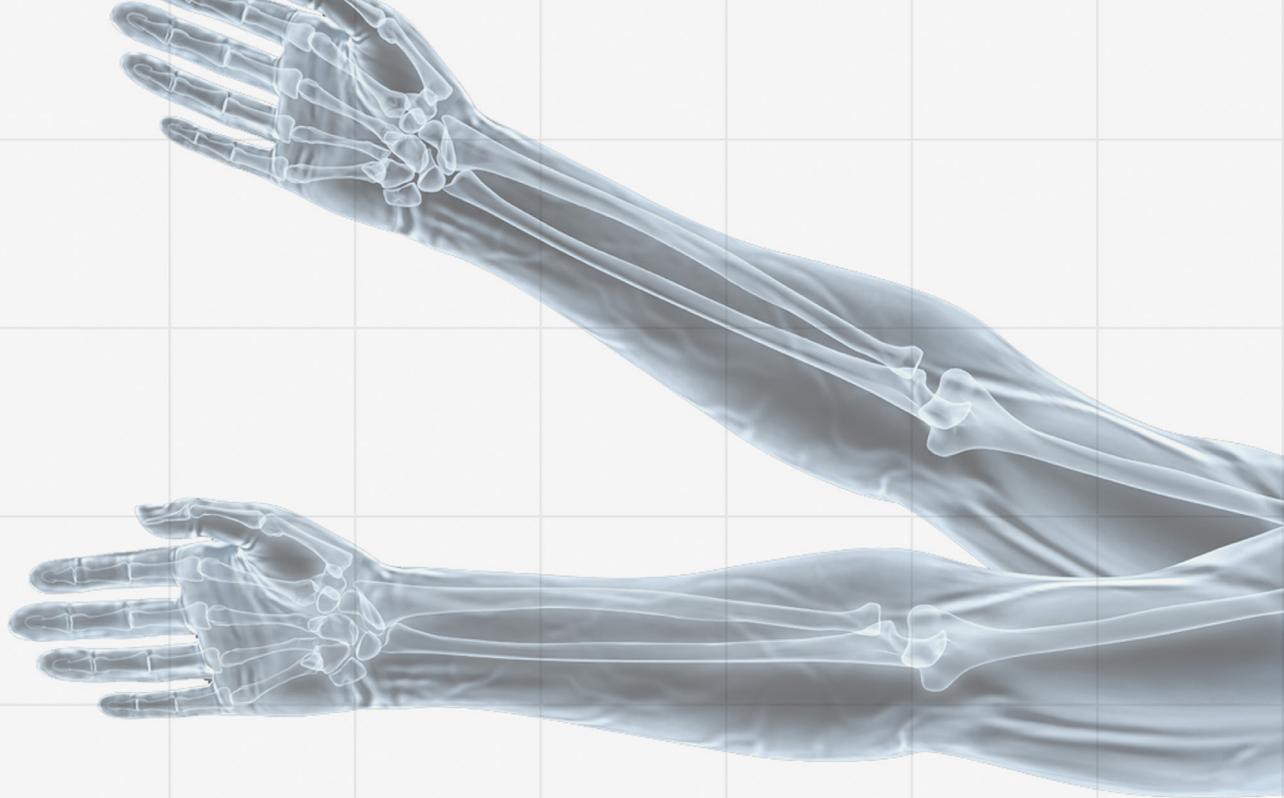
PRACTICES:

- Neurology
- Othopedics
- Physical Therapy
- Podiatry
- Rehabilitation
- Sports Medicine

Our superior technology is leading the way to the future of evidence-based biomechanics measurement, assessment, and diagnosis for clinicians, students and researchers around the world.

NORAXON

Superior Evidence-Based Biomechanics



To learn how you can have the best in class of evidence-based measurement solutions.

Contact your Noraxon representative:

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