



# Human Factors Assessment

Assess human movement capacity in natural settings.

- Increase safety & productivity
- Improve quality control
- Reduce work injury costs

NORAXON®

# Noraxon's multi-device software includes automated & objective ergonomics tools for standard human factors assessments.

Capture **objective, lab-quality data**, on the job, in just a few minutes with the myoRESEARCH Ergonomics Toolkit.

Analyze risk exposure with automated protocols for standard assessments:

- NIOSH Lifting Equation
- Liberty Mutual Manual Material Handling
- Lumbar Disc Compression Analysis
- Rapid Upper Limb Assessment (RULA)
- Rapid Entire Body Assessment (REBA)
- Static/Dynamic Posture Analysis



## Integrated Movement Technology

With Noraxon, users can integrate various recording devices to fit unique applications such as:



Exoskeleton Research



Training & Simulation



Workstation Optimization



Takt Time Reduction



Health & Safety



Product Design



Confidently assess movement in natural work environments and routines using Noraxon's research-grade technology and user-friendly, all-in-one biomechanics software.



**Measure** important movement metrics



Visually **communicate** findings



**Track** Progress



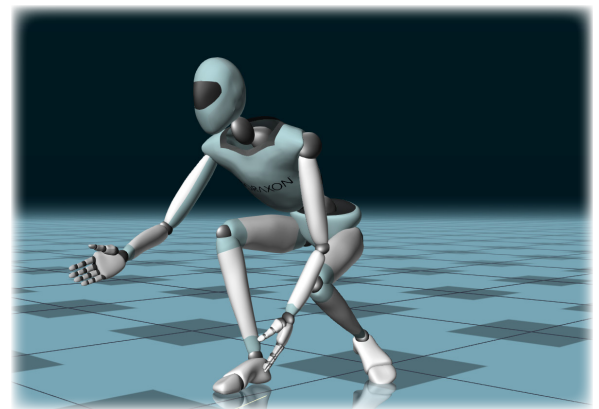
Create custom **reports**



Train staff to **change** their movements

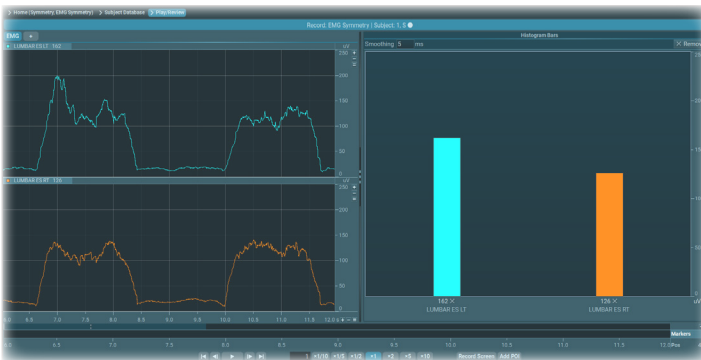
## Kinematics

Collect lab-quality data in field conditions for a rapid assessment of static/dynamic posture, material handling, lumbar disc compression, range of motion, and other standard ergo evaluations.



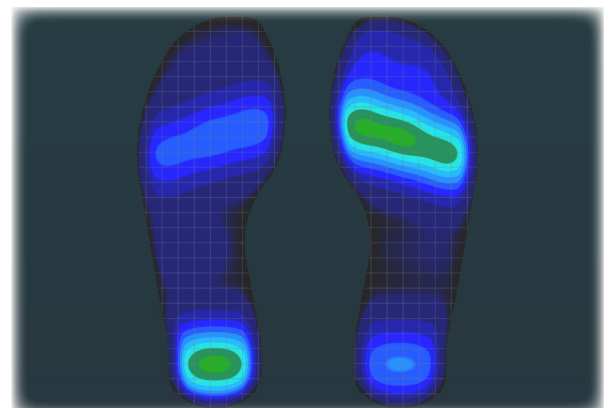
## Electromyography (EMG)

Quickly analyze the neuromuscular effort spent performing certain activities and instantly evaluate the intensity of work tasks. Use the Biomonitor SmartLead to monitor cardiovascular data.



## Kinetics

Use load cells and pressure insoles to quickly evaluate weight distribution, forces, and fall or slip risk.



# Seamless Integrations

Noraxon integrates with many leading ergonomics software

**SIEMENS**



MOVESHELF



**ERGONEERS**  
FROM SCIENCE TO INNOVATION

## MR Software Supports MANUS Gloves for Enhanced Finger Kinematics

Integrate anatomical data from the MANUS Gloves into MR4 for enhanced visualization and analysis of finger kinematics.

### High-Precision Finger Tracking

- Record or livestream anatomical finger data in MR with unmatched accuracy
- Capture 5 fingers, 15 joints, and 20 angles—per hand for in-depth motion analysis

### Modular & Scalable Design

- Top module designed for Ultium Motion sensors

### Effortless Usability

- Wear the gloves in seconds—no sensor placement hassle
- Simple and efficient calibration procedure, allowing users to quickly set up and start capturing precise finger data



## Scan to learn more about Noraxon's Integrated Movement Technology



[www.noraxon.com](http://www.noraxon.com)

480-443-3413 | [info@noraxon.com](mailto:info@noraxon.com)

15770 N Greenway Hayden Loop #100, Scottsdale, AZ 85260