



myoPRESSURE™

Pressure Distribution Platform Integration

- Gait, Running, and Balance Testing
- Temporospacial Gait Parameters
- Plantar Pressure Zone Segmentation

NORAXON®

Record and analyze gait, run, and balance with pressure-instrumented treadmills and platforms.

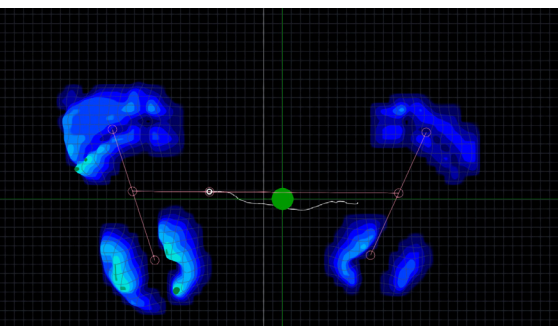
Precise Pressure Analysis

Noraxon's instrumented treadmills and pressure platforms offer a durable and accurate solution for pressure distribution analysis. These systems deliver reliable data through individually-calibrated capacitive sensors, enabling efficient mapping of static and dynamic plantar pressure.



HARDWARE FEATURES INCLUDE:

- High-resolution pressure sensor matrix
- Individually calibrated capacitive sensors
- Measure with shoes, orthotics, or barefoot
- Synchronize with EMG, 3D kinematics, and video
- Several size and upgrade options available



Integrated Movement Technology

myoRESEARCH allows users to integrate pressure products with various other recording devices to fit practical applications such as:



**Rehabilitation
& Return to Play**



**Balance & Sway
Analysis**



**Gait
Analysis**

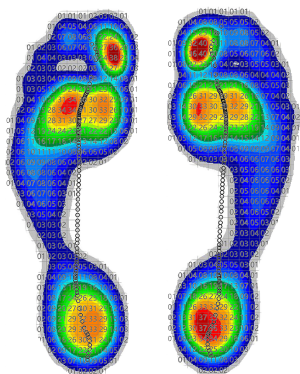


**Running Health &
Injury Screening**

The myoPRESSURE™ software module provides a detailed and objective assessment of gait mechanics to help build targeted treatment programs and monitor progress during the rehabilitation process.

Multi-Device Software

Seamlessly collect and combine a variety of data within a unified software platform



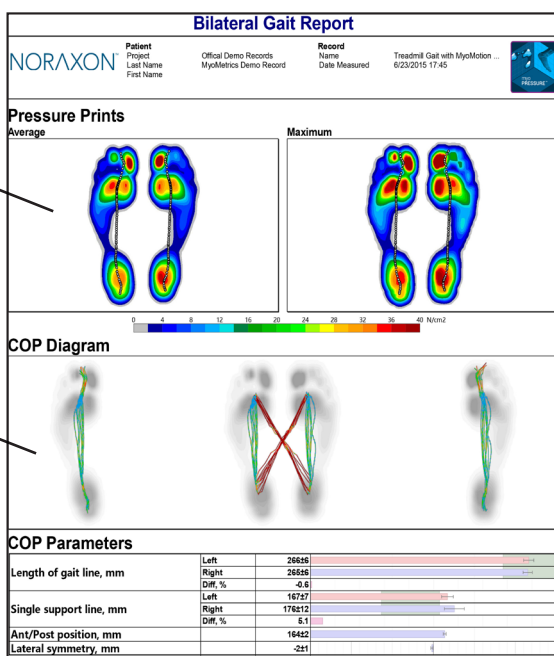
- Real-time 3D pressure animation and CoP visualization
- Graphical display of vertical ground reaction forces and maximum pressure
- Automatic left-right step detection
- Object recognition & removal (canes, walkers, and other aids)
- Customizable reports
- Plantar pressure zone analysis

Customized Reporting

Noraxon provides users with customizable reports to highlight the key results of data collection in a quick and efficient way.

Analyze pressure distribution and gait line

Compare CoP traces and parameters



Analyze temporospatial gait parameters

TREADMILLS



	PhysTread* Rehabilitation [^]	KinTread* Performance [^]
Treadmill Dimensions L x W x H	209 x 86 x 131 cm (82.28 x 33.86 x 51.57 in)	230 x 105 x 145 cm (90.55 x 41.34 x 57.09 in)
Belt Size	150 x 50 cm	175 x 65 cm
Motor	3.0 CHP ⁺	4.5 CHP ⁺
Speed	0.1-18 km/h (0.06-11.18 mph)	0.1-25 km/h [^] (0.06-15.5 mph)
Elevation	0-20% incline	0-28% incline
Sensor Area	102 x 50 cm (40.16 x 19.68 in)	132 x 56 cm (51.97 x 22.05 in)
# of Sensors	3,120 optional 6,720	4,576 optional 10,270
Sample Rate	120 Hz optional 240 Hz	300 Hz
Measurement Range	1-120 N/cm ²	1-120 N/cm ²

*Includes reverse belt option

[^]Leakage certified medical version available

⁺Requires 220V power supply

[^]High speed option up to 40 km/h (24.85 mph) available

PLATFORMS & WALKWAYS



	Plate-SX (FDM-SX)	Plate-S (FDM-S)	Walkway 1.5 (FDM 1.5)*
Dimensions L x W x H	55 x 40 x 2.1 cm (21.65 x 15.75 x 0.83 in)	69 x 40 x 2.1 cm (27.17 x 15.75 x 0.83 in)	158 x 60.5 x 2.5 cm 62.20 x 23.82 x 0.83 in)
Sensor Area	40 x 30 cm (15.75 x 11.81 in)	54 x 33 cm (21.26 x 12.99 in)	149 x 54.2 cm (58.66 x 21.34 in)
# of Sensors	1,920	2,560	11,264
Sample Rate	120 Hz	120 Hz optional 240 Hz	100 Hz optional 200 Hz / 300 Hz
Measurement Range	1-120 N/cm ²	1-120 N/cm ²	1-120 N/cm ²

* Walkway 1.5 can be paired with a second Walkway 1.5 to achieve 3 meters in total length

Certifications

