myo
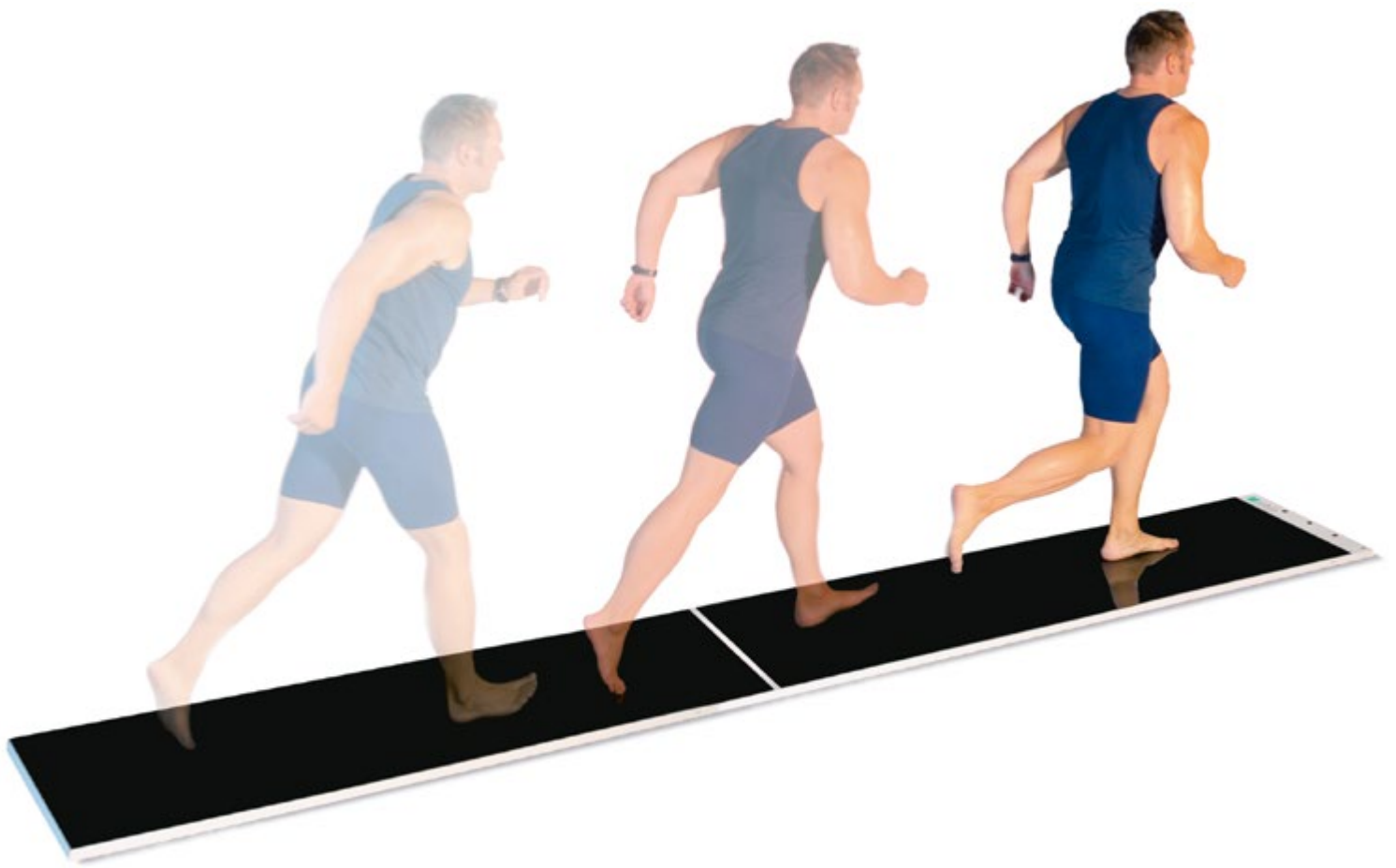# PRESSURE™

FDM: FORCE DISTRIBUTION MEASUREMENT

FDM-T GaiTread PRESSURE TREADMILL

The FDM instrumented treadmills are unique in that they are the only capacitive pressure treadmills in the world. With over 5,000 pre-calibrated capacitive sensors built into the treadmill's deck, the GaiTread is extremely accurate and user-friendly. The analysis of force and pressure distribution during standing and walking can be completed in less than 30 seconds. All pressure, spatial, and temporal parameters are compared in an easy-to-read report that also provides side-by-side comparisons.

USE AS NON-SPORT ONLY

[WHAT'S INCLUDED]

o Instrumented deck with 5,376 Capacitive Sensors
o 19" x 52" Treadbelt
o LCD Display
o myoPRESSURE software
o USB connection
o Power supply (220V)

[FEATURES]

o User weight capacity: 250 lbs.
o Measuring range 1-120N
o 0.5 - 10 mph forward speed (no reverse)
o 2.0 continuous horsepower motor
o Sampling rate of 100Hz

SYSTEM PACKAGE

PART #	PRODUCT NAME	DESCRIPTION
725	GaiTread	GaiTread - light duty, portable treadmill

ACCESSORIES

PART #	PRODUCT NAME	DESCRIPTION
700A	Interface Box	Replacement FDM-T Interface Box
700B	Power Supply	Replacement interface power supply
700C	Sync Cable	Sync cable
700D	Power Converter	Step-down transformer from 220V to 110V

Clinical Gait Analysis

FDM-T PLUTO PRESSURE TREADMILL

The FDM instrumented treadmills are unique in that they are the only capacitive pressure treadmills in the world. With up to 6,700 pre-calibrated capacitive sensors built into the treadmill's deck, the Pluto is extremely accurate and user-friendly. The analysis of force and pressure distribution during standing, walking, and running can be completed in less than 30 seconds. All pressure, spatial, and temporal parameters are compared in an easy-to-read report that also provides side-by-side comparisons. Additionally, with the optional "safety arch," the Pluto is the perfect solution for rehabilitation, especially in a hospital setting.

[WHAT'S INCLUDED]

- Instrumented deck with Capacitive Sensors
- 150 x 50cm Running Surface
- 91.5 x 49.5m Sensor Area
- Backlit LCD Display
- myoPRESSURE software
- USB connection
- 220V Power supply

[FEATURES]

- User weight capacity: 440 lbs.
- Measuring range 1-120N
- 0.5 - 18 km/h forward speed
- 0% to 20% elevation
- 120Hz sampling rate

SYSTEM PACKAGE

PART #	PRODUCT NAME	DESCRIPTION
790	FDM-P	Rehabilitation and Sports performance treadmill - 2,736 sensors

* Only available in North America; average shipping price is $5,000.

SYSTEM UPGRADES (PACKAGE PRICING - NOT SOLD SEPARATELY)

PART #	PRODUCT NAME	DESCRIPTION
790U	Research Upgrade	Upgrade to 6,722 sensors with a 95 x 47.5cm sensor area
794	Modular Extension	Upgrade to 240Hz sampling rate

ACCESSORIES

PART #	PRODUCT NAME	DESCRIPTION
757	Safety Arch	Safety arch with fall stop
700A	Interface Box	Replacement FDM-T Interface Box
700B	Power Supply	Replacement interface power supply
700C	Sync Cable	Sync cable

FDM-T QUASAR PRESSURE TREADMILL

The FDM instrumented treadmills are unique in that they are the only capacitive pressure treadmills in the world. With up to 10,000 pre-calibrated capacitive sensors built into the treadmill's deck, the Quasar is extremely accurate and user-friendly. The analysis of force and pressure distribution during standing, walking, and running can be completed in less than 30 seconds. All pressure, spatial, and temporal parameters are compared in an easy-to-read report that also provides side-by-side comparisons. Additionally, with the optional "safety arch" and high speed option, the Quasar is the perfect solution for sports performance applications.

[WHAT'S INCLUDED]

- Instrumented deck with Capacitive Sensors
- 170 x 65cm Running Surface
- 132 x 56m Sensor Area
- Backlit LCD Display
- myoPRESSURE software
- USB connection
- 220V Power supply

[FEATURES]

- User weight capacity: 440 lbs.
- Measuring range 1-120N
- 0.1 - 25 km/h forward speed
- 0% to 28% elevation
- 120Hz sampling rate
- Shock load reduction for joints

SYSTEM PACKAGES

PART #	PRODUCT NAME	DESCRIPTION
760	FDM-TQ	Rehabilitation and sports performance treadmill - 4,576 sensors

* Only available in North America; average shipping price is $5,000.

SYSTEM UPGRADES (PACKAGE PRICING - NOT SOLD SEPARATELY)

PART #	PRODUCT NAME	DESCRIPTION
770U	Research Upgrade	Upgrade to 10,240 sensors with a 135.5 x 54cm sensor area
771	Medical Upgrade	Upgrade to medical version treadmill (leakage protection)
772	Reverse Upgrade	Optional reverse belt rotation
773	High Speed	Upgrade to 40 km/h forward speed
774	Modular Extension	Upgrade to 300Hz sampling rate
777-UW	Airwalk	Dynamic unweighting system up to 180 lbs. (includes compressor)

ACCESSORIES

PART #	PRODUCT NAME	DESCRIPTION
777	Safety Arch	Safety arch with fall stop
778	Hand Rails	Hand rails, long
779	Adj. Hand Rails	Hand rails, adjustable
700A	Interface Box	Replacement FDM-T Interface Box
700B	Power Supply	Replacement interface power supply
700C	Sync Cable	Sync cable

FDM PRESSURE PLATFORMS

Our pressure platforms are extremely robust and accurate. In fact, these platforms are so durable that the Athletes Foot® in Australia decided to put over 120 of them in there stores with over 1,000,000 measurements in the first year alone!

With up to 11,000 individually-calibrated capacitive sensors in each platform you can quickly and efficiently conduct stance tests, analyze roll-off patterns and conduct balance and equilibrium analyses. Also assists in the diagnose of foot deformities, foot function and stance.

[**WHAT'S INCLUDED**]

- o Force Distribution Measuement platform
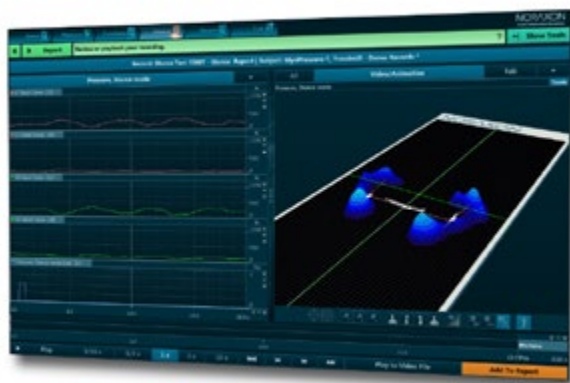- o myoPRESSURE software
- o Power supply
- o USB connection

SYSTEM PACKAGES

PART #	PRODUCT NAME	DESCRIPTION
704	FDM-Plate	Pressure measurement plate - 12.6" x 24.1", 2186 Sensors
710	FDM-1.5	1.5 measurement platform - 23.8" x 62.2", 11264 sensors

*A 3 meter platform can be achieved by linking two FDM1.5s together.

ACCESSORIES

PART #	PRODUCT NAME	DESCRIPTION
700B	Power Supply	Replacement interface power supply
700C	Sync Cable	Sync cable

Stance Analysis