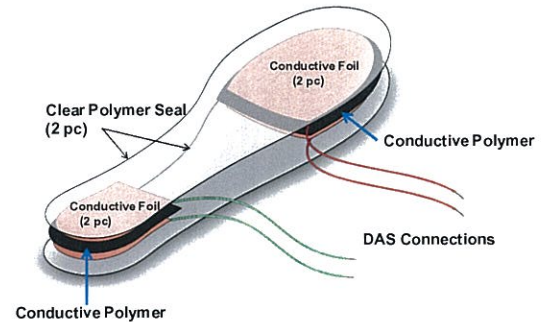




MODEL FT-2FS-M1
FOOT-2 POINT FORCE SENSOR



SENSOR ASSEMBLY

Note: SensorTech Foot Force Sensor is available in a variety of sensor configurations & sizes. The standard product offering is a 2-point sensor array with measurement at the toe and heel regions.

Applications: Originally designed to measure dynamic impact force on the foot of a crash test dummy. The sensor technology could be used for a variety of orthotics, athletic, gait analysis or any dynamic shock loads to the bottom of the foot. Note: available in thermo-formable version for custom 3D measurements.

Key Features: 2-yr. limited warranty; durable; high overload protection; thin profile; hermetically sealed; low energy draw; compatible with standard data acquisition systems

SPECIFICATIONS

Full Scale Capacity:	2,000 psi (13.8 Mpa)
Overload Protection:	6,000 psi (41.4 Mpa)
Zero Balance:	± 0.1%
Non-Linearity:	Linear to 200 lbf (±0.7%)
Repeatability:	± 0.3%
Hysteresis:	± 5% (uncorrected)
Temperature Range:	-25°F to 140°F (-32°C to 60°C)
Force Resolution:	± 0.004 @ 0% FS
Sensitivity:	30 mV/V