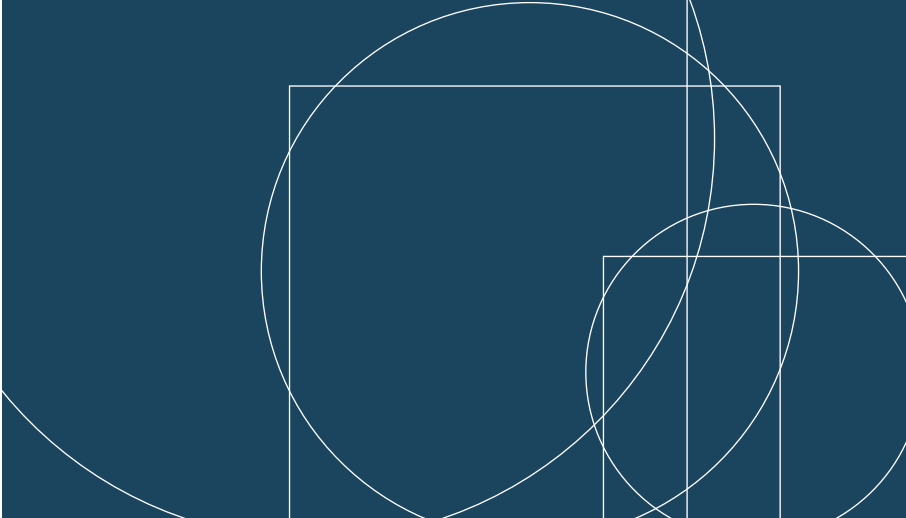




BodiTrak

Smart Fabrics: For Intelligent and Interactive Products





Smart Automotive Seating



BodiTrak's durable elastic, breathable Smart Fabric sensors are designed to be easily integrated into surfaces that people sit, sleep or walk on. BodiTrak sensors mold to a user's body while monitoring pressure, position, movement, respiration and other metrics. Using this information the system can intelligently modify a surface to maximize comfort, productivity and help improve wellness.

BodiTrak's Smart Seat, Bed and Foot Smart Fabric pressure mapping systems use advanced elastic sensors with built-in Smart USB electronics—affordable, flexible, stretchable, portable and easy-to-use. Simply plug the USB cable into your computer or connect to Smart Systems using WiFi and web browser interfaces.

Patented BodiTrak elastic sensors are a lycra like construction. Sensor size and resolution is adjustable to specific application needs. Sensors can be covered with a range of materials depending on the environment of use or laminated to a product's cover. BodiTrak's onboard electronics provide fast data acquisition and easy connectivity. BodiTrak is easily scalable to high volume products.

BodiTrak Sensors open whole new worlds of imagination about where sensors can be placed and how they can be used to monitor and intelligently manipulate surfaces. Smart Surfaces, Smart clothing, Smart user interfaces, Smart industrial monitoring systems are all possible. Only the imagination is the limit!



Smart Office Seating



Smart Clothing & Shoes



BodiTrak Sensor Systems

- Elastic Smart Fabric sensors are available in a wide range of sizes
- Smart integrated electronics—no interface module required, just the USB cable to your computer or WIFI
- Faster scan rates (eg. full size beds scan at 50Hz)
- Calibration and sensor information is stored on the sensing mat for true plug and play capability
- Easily cleaned with regular disinfectants
- Custom shapes and sizes available
- Easy to reach technical support



Seat and Balance Systems



Bed and Gait Systems



Torso and Wheelchair COG Systems



Wifi Adapter
(not necessarily as shown)



Sock Sensor



Carrying Case

		Mat		Sensing Area		Sensing Cells			Suggested Calibration	
		Length (mm)	Width (mm)	Length (mm)	Width (mm)	Number	Row x Col	Size (mm)	Std Range (mmHg)	
BodiTrak Pressure Mapping Systems	Model									
	Standard Seat	BT1510	555 (22")	555 (22")	455	455	256	16 x 16	25.4 x 25.4	200
	High Resolution Seat	BT1526	565(22.5)	565(22.5)	465	465	1024	32 x 32	12.7 x 12.7	200
Standard Bed	BT3510	2032	863	1930	762	1809	67X27	25.4 X25.4	100	
	High Resolution Bed	BT3520	2032	863	1930	762	3551	67x53	25.4 X12.7	100
	Ultra Resolution Bed	BT3526	2032	863	1930	750	7155	135x53	12.7 X12.7	100
Standard Torso	BT4510	1020	790	920	690	768	32X24	25.4X25.4	100	
	High Resolution Torso	BT4526	1020	790	920	690	3024	63X48	12.7 X12.7	100
Standard Treadmill	BT5510	1117	863	1018	482	612	36x17	25.4x25.4	100	
	High Resolution Treadmill	BT5526	1117	863	1016	482	2343	71x33	12.7x12.7	100