



BodiTrak

Pressure Mapping System



BodiTrak – Making pressure mapping a simple and affordable reality

BodiTrak has taken pressure mapping to a completely new level, in their S-t-r-e-t-c-h fabric mats, with their advanced, highly sensitive stretchable sensors, and built in USB linked electronics.

As compared with traditional pressure mapping systems, the BodiTrak mat has no attached interface module or power supply. Instead, the BodiTrak mats have their electronics built into the mat, with just a simple cable to plug the mat into a USB port of a PC, laptop, or Android tablet. This makes the BodiTrak systems the most portable and ready to use choice on the market. Just simply unfurl the mat from your bag and plug it into your laptop: you are taking readings within seconds. Shortly you will also have wireless options available to avoid even the need to plug directly into your laptop. Simple!

The new fabric of our mats is flexible, stretchable, and contours to the client's body and support surface, thus giving highly accurate pressure mapping results, as never seen before.

The biggest benefit of all this development? Price! The simplicity of the systems and the demand for this easy-to-use technology has meant that we have been able to drop our prices to the level that each clinician can have their own system, rather than relying on a shared resource.

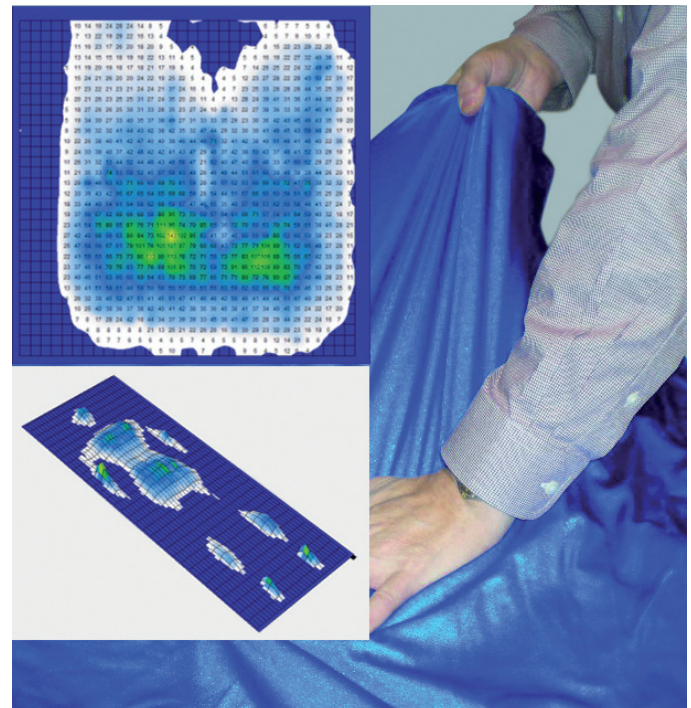
New Applications

BodiTrak's wheelchair adjustment system helps in the set up of wheelchairs, to identify the effects of change in axle location, seat dump, and wheelchair size, that affect stability and movement.

This new technology has opened new doors on tissue protection in the design of Smart mattresses. The BodiTrak sensors are being built into alternating pressure mattresses and wheelchair cushions. The sensors monitor the pressure at different parts of the support surface, and provide feedback to change the amount of air and hence the pressures in each zone until the redistribution of forces have been optimised.

BodiTrak systems

- BodiTrak Systems are available in a range of sizes and sensor densities
- No interface module required since these new mats have the electronics integrated into the mat: a USB cable connects the mat to the computer or Android tablet
- The new technology enables faster scan rates (e.g. full size bed systems can be scanned at 50Hz).
- Calibration and sensor information is stored within the mat for true plug and play capability.
- BodiTrak mats can be easily wiped down with regular disinfectants.
- Combine two mats to obtain a seat and back system
- Custom shapes and sizes of mats can be created on request.



Note: The previous technology is not being withdrawn as we have many customers who continue to make use of the modularity of the old electronics hardware. The software is the same for both the new and the old systems. The new S-T-R-E-T-C-H materials are available for both the old and new systems. BodiTrak offers you the best of all worlds!

NEW BodiTrak - T7 Systems

BodiTrak T7 Dimensions									
BodiTrak Pressure Mapping System	Model Code	Mat		Sensing Area		Sensing Cells			Suggested Calibration
		Depth cm	Width cm	Depth cm	Width cm	Number	Row x Col	Size cm	Std Range (mmHg)
Standard Seat	BT1510	56	56	46	46	256	16 x 16	2.5 x 2.5	200
High Resolution Seat	BT1526	57	57	47	47	1024	32 x 32	1.2 x 1.2	200
Standard Bed	BT3510	86	203	76	193	1809	67 x 27	2.5 x 2.5	100
High Resolution Bed	BT3520	86	203	76	193	3551	53 x 67	2.5 x 1.2	100
Ultra Resolution Bed	BT3526	86	203	75	193	7155	53 x 135	1.2 x 1.2	100
Standard Torso	BT4510	86	102	69	92	768	25 x 32	2.5 x 2.5	100
High Resolution Torso	BT4526	86	102	69	92	3024	48 x 63	1.2 x 1.2	100



Seat Mat



Torso Mat



Bed Mat

BodiTrak T7 Systems - Price List				
Size (cm) w x d	Part Code (BodiTrak Standard)	Part Code (BodiTrak High Res)	Part Code (BodiTrak Ultra High Res)	Sensing cells (Rows x Columns)
BodiTrak T7 Seat or Back Mat Complete System				
56 x 56	BT1510	N/A	N/A	16 x 16
57 x 57	N/A	BT1526		32 x 32
BodiTrak T7 Seat and Back Mat 2 Complete System				
56 x 56	BT1510x2	N/A	N/A	16 x 16
57 x 57	N/A	BT1526x2		32 x 32
BodiTrak T7 Torso Mat Complete System				
86 x 102	BT4510	N/A	N/A	32 x 27
	N/A	BT4526		53 x 63
BodiTrak T7 Bed Mat Complete System				
86 x 203	BT3510	N/A	N/A	27 x 67
	N/A	BT3520		53 x 67
			N/A	BT3526

Please note: Delivery options and Calibration kits on page 4 apply to all T7 and SE systems

Did you know?

The brand name **FSA** has now been replaced by **BodiTrak**



BodiTrak price list for sensor mats and type 5E interface modules

BodiTrak Sensor Mats (5E systems)

Size (cm) w x d	Part Code (Softflex Standard)	Part Code (Softflex High Res)	Part Code (Stretch Standard)	Part Code (Stretch High Res)	Sensing cells (Rows x Columns)
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Seat or Back Sensor Mats

43 x 43	ACC02E1		ACC25E1		16 x 16
ca 55 x 55	ACC02E2				
63 x 63	ACC02E3				
43 x 43		ACC22E1		ACC25E2	32 x 32
ca 55 x 55		ACC22E2			
63 x 63		ACC22E3			

Torso Sensor Mats

79 x 106		ACC05			16 x 32
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Bed Sensor Mats

ca 87 x 200	ACC04		ACC043		32 x 32
88 x 204		ACC042			64 x 32

Other Sensors

Product type	Size (cm)	Part Code	Sensing cells
Glove	n/a	ACC06G16	16
Glove	n/a	ACC06G24	24
Hand	35 x 35	ACC06H	24 x 24
Shear Sensor		ACC06SS	1
Temperature		ACC06T	12 x 12
Prosthetic		ACC06P	10 per unit
OrthoTest	58 x 58	ACC22	32 x 32
OrthoGait	58 x 58	POISEPMS01	
In shoe shape (XS)	22.5	FT1005	8 x 16
In shoe shape (S)	24.5	FT1015	
In shoe shape (M)	26.5	FT1020	
In shoe shape (L)	28.5	FT1030	
In shoe shape (XL)	30.5	FT1035	

Type 5E Interface Modules

Code	Product Description
ACC025	Type 5E Computer Interface Module
ACC024	Type 5E Computer Interface Module with Bluetooth Wireless Adapter Kit

Calibration Kits

Code	Product Description
ACC16	Standard Small Calibration Jig (Seat)
ACC18	Medium Calibration Jig (Torso)
ACC19	Long Calibration Jig (Bed)
ACC1630	High Pressure Calibration Jig
ACC13	Auto Calibrator – Bed and Seat sensors

Delivery, installation and Training options

Code	Product Description
FSATRA	Pressure Mapping Delivery, Installation & Training session
FSATRA1	Pressure Mapping Half day training session
FSATRA2	Pressure Mapping Full day training session
FSATRA3	Pressure Mapping delivery only