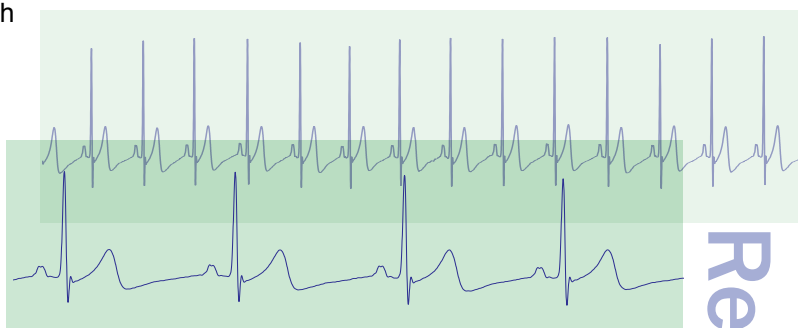
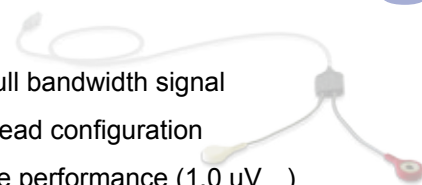


Expand the capabilities of DELSYS Bagnoli™ and Myomonitor® EMG Systems to include additional physiological measurements in synchrony with EMG recordings. All Delsys Biosignal Sensors plug directly into EMG channels and conform to the same exacting standards as our EMG electrodes. All body-worn sensors are medical grade, require no additional components and are fully compatible with EMGworks Software.

EKG Monitoring

- EKG Sensor detects full bandwidth signal
- Easy-to-apply Chest Lead configuration
- High stability, low noise performance (1.0 μV_{rms})



Goniometry

- Fiber optic design for accuracy and durability
- Large and Small units for different joint sizes
- Ideal for Ergonomics and Movement Assessments

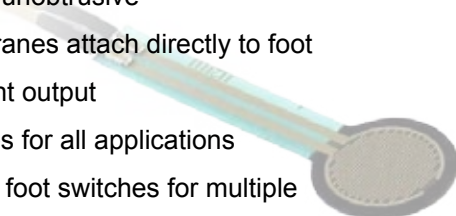


Assessments

Foot

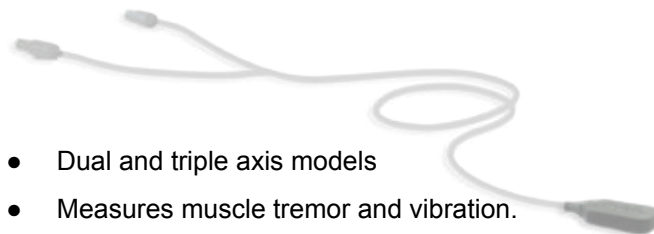
Switches

- Low profile, unobtrusive
- FSR membranes attach directly to foot
- Force-variant output
- Various sizes for all applications
- Use several foot switches for multiple sensing strategies.



Respiration

- Respiration Sensor monitors chest or abdomen movement during breathing.
- Fully adjustable chest band can accommodate all sizes.
- Ideal for sleep studies.



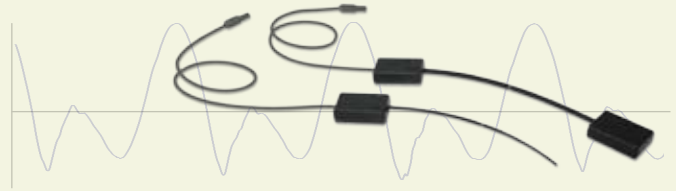
Accelerometry

- Dual and triple axis models
- Measures muscle tremor and vibration.
- Use as a position sensor or an inclinometer.
- Measures body impacts and directional changes.

Goniometers

- Single axis, fiber optic design
- Full range of ± 180 degrees, precision of ± 0.5 degree
- Large model for leg and arm joints
- Small model for finger joints

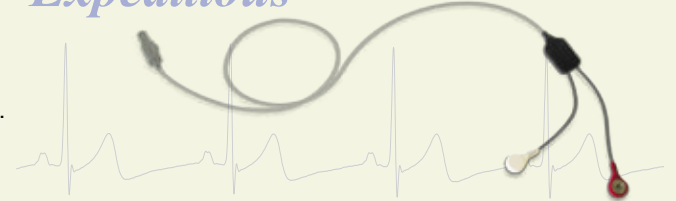
Precise



EKG Sensor

- Preamplified EKG sensor, gain of 1000 V/V
- $1.0\mu V_{rms}$ noise baseline
- Accepts standard EKG "snap"-type adhesive electrodes.
- Compatible with all "Chest-Lead" configurations
- Compatible with Delsys Adhesive Skin Interfaces

Expeditious



Respiration Sensor

- Fully adjustable strap fits children and adults.
- Indicates chest or abdomen expansion.
- Easy-to-use with immediate results
- Ideal for sleep studies.

Progressive



Accelerometers

- Dual Axis (XY) and Tri-axial (XYZ) versions
- Range of $\pm 2 g$, resolution of 6 mg
- Can be used as an inclinometer or a position sensor.
- Sensitive enough to detect muscle tremor and vocal cord activity.
- Compatible with Delsys Adhesive Skin Interfaces

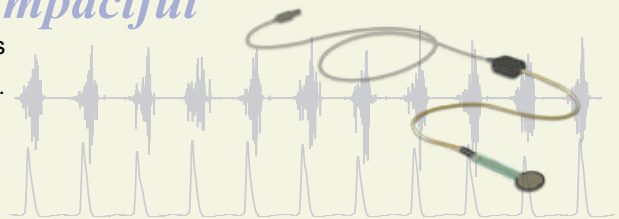
Discerning



Foot Switches

- Force Sensitive Resistor membrane available in various sizes
- Force-Variant output indicates amount of pressure under foot.
- Commonly used to indicate heel strike & toe-off events.
- Sensitive enough to discern tactile activity.
- Compatible with Delsys Adhesive Skin Interfaces

Impactful



Sensor	Range	Resolution	Bandwidth	Bagnoli-2	Bagnoli-4/8/16	Myomonitor 8/16
Goniometer (large & small)	$\pm 180^\circ$	1.0 $^\circ$	0-500 Hz	✗	✓	✓
EKG Sensor	5 mV _(Pk-Pk)	4 μV _(Pk-Pk)	0.5-30 Hz	✗	✓	✓
FSR Sensor	0-100 p.s.i	1.0 %	0-500 Hz	✗	✓	✓
Accelerometer	$\pm 2 g$	0.006 g	0-50 Hz	✗	✓	✓
Respiration Sensor	0 - 3/4 in.	1/16 in.	0 - 2 Hz	✗	✓	✓

Note: Specifications are subject to change without notice.