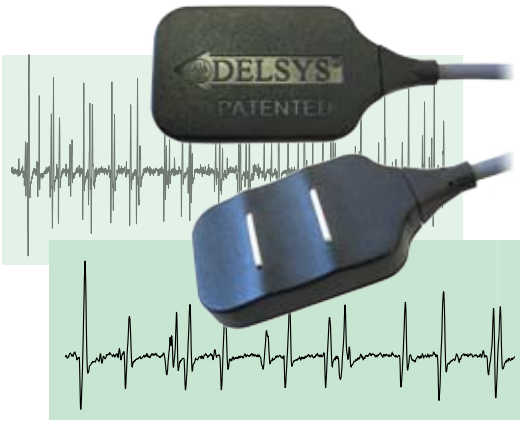
# DELSYS®

## *Electromyography*

DELSYS continues to define new horizons in electromyography by providing tools and techniques that optimize EMG signal detection and analysis.

- Durable, unobtrusive, and reliable electrodes
- Easy-to-use desktop and portable systems
- Advance signal acquisition and analysis software




## Precision

Benefit from our commitment to incorporate emerging technologies into electromyography. DELSYS is at the forefront of R&D by partnering with premier institutions such as NASA and the National Institutes of Health.

## Simplicity

Customize a system to fit your needs with auxiliary inputs or broaden your research by integrating EMG with other measurements.

DELSYS' solutions complement a host of applications, including:

- Biomechanics
- Rehabilitation
- Ergonomics
- Sports Medicine
- Kinesiology
- Motor Control
- Neurophysiology

## Versatility

## Innovation

www.delsys.com PO Box 15734, Boston MA 02215 617 236 0599 (Tel) 617 236 0549 (Fax)

## Surface EMG Sensors

*Innovative*

- Single and double differential models
- Optimal fixed parallel-bar configuration
- Maximized signal-to-noise ratio
- Contoured surfaces to ensure superior skin contact
- Custom adhesive interfaces
- No gel or skin preparation required

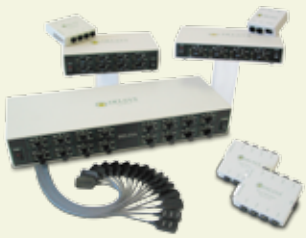
## Biosignal Sensors

*Versatile*

- Expand the capabilities of the Delsys EMG Systems with Goniometers, Foot Switches, EKG Sensors, Accelerometers, and Respiration Sensors

## Bagnoli™ Desktop EMG Systems

*Superior*



- 4, 8, or 16 channels with selectable gains and optimal bandwidths
- Designed to meet the needs of all research laboratories
- Real-time noise and amplifier saturation detection
- Ultra-thin and flexible cable for maximum mobility
- Can accommodate custom sensors

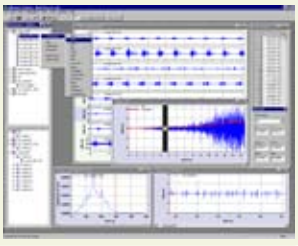
## Myomonitor® Wireless EMG Systems

*Portable*

- 8 or 16-channel wireless or datalogging EMG system with built-in color screen
- Transmit full bandwidth data up to 300 ft. with proven WiFi technology.
- Store up to 1GB of full bandwidth EMG data when datalogging.
- 8-hour battery for long-duration studies (typical)
- Portability facilitated with unobtrusive wearable pouch

## EMGworks® Software

*Analytical*



- A valuable addition to all of our EMG systems
- Signal Acquisition module allows real-time signal inspection
- Comprehensive Signal Analysis with Analysis Report capabilites
- Accepts EMG and auxiliary signals

## Hardware Integration

*Adaptable*

- Integrate Delsys products with other equipment in your lab
- Trigger Module for synchronization
- 64 Channel Expansion Module for daisy-chaining multiple Bagnoli Systems
- External Input Unit for sampling analog signals from other devices

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