



Myomonitor[®] IV Analog Output System

Integrate up to 16 full-bandwidth data channels from the Myomonitor IV Wireless EMG System into any analog data acquisition system. The Myomonitor Analog Output System uses a precision waveform generator with a low-noise filter to recreate the high-fidelity signals detected by Delsys Sensors. The output signals are fully conditioned and ready to be connected to any data acquisition system.



The indispensable BRIDGE between the Myomonitor and Your Laboratory

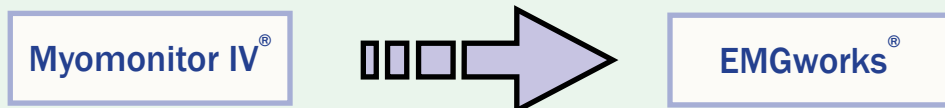
Specifically designed for:

- Gait Laboratories
- Biomechanics Laboratories
- Exercise Physiology Research
- Ergonomic Studies
- Robotics & HCID Interfacing

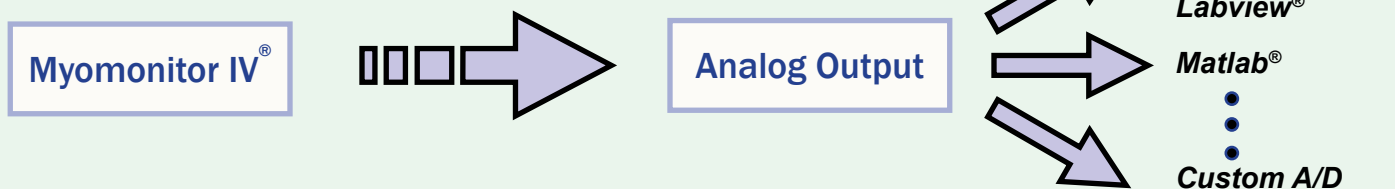
Features:

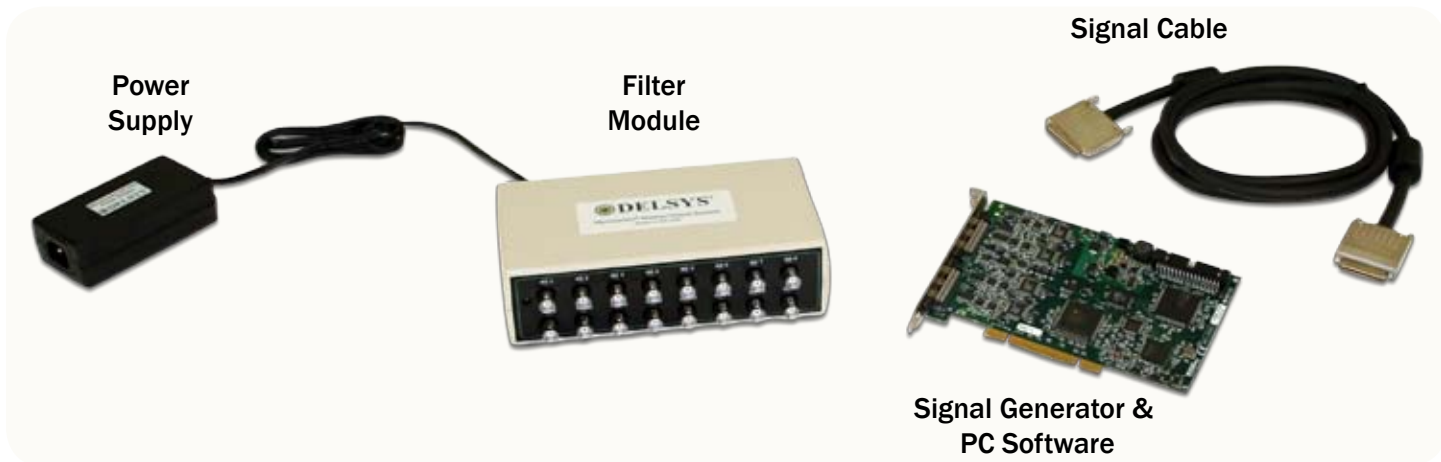
- 16 channels, 4 kHz sampling
- BNC & Mass terminations
- +/-5V Range
- Low noise, full signal conditioning
- 50 ms monitored latency

Delsys Data Acquisition



Integrated Data Acquisition





Analog Filter Module*

Filter Topology	Butterworth, 8 pole
Bandwidth	DC-500 Hz, +/-10%
Voltage Range	+/- 5 V
Settling Time	<250 μ S
Baseline Noise	0.250 mV (RMS, RTO)
Input:Output Error (SNR)	<2%
Power Supply	9 VDC
Dimensions	205 mm x 108 mm x 57 mm
Mass	300 g
Output Connections	BNC, SCSI-68 (National Instruments)
Output Impedance	<50 m Ω , buffered

NI 6723 Waveform Generator*

Output Range	+ / - 5 V
Resolution	13 Bits
Number of Channels	16
Update Rate	4000 samples/sec.
PC Bus Requirement	PCI
Dimensions	174 mm x 98 mm
Operating Temperature	5 - 50°C
Humidity	5 - 90 % RH, non-condensing
Output Connections	VHDCI (National Instruments)

* All specifications are subject to change without notice. Specifications include the software configuration of the device.

Typical Laboratory Setup

