



## Product Overview

The MyoSystem™ 1200 is the perfect tethered surface EMG instrument, ideal for clinical applications or basic research studies that need to monitor multiple muscles simultaneously. This easy-to-use instrument is available as four- or eight-channel unit. It features Noraxon's internationally patent-protected amplifier technology, which provides clean, consistent and reliable data during any type of isometric or dynamic exercise. The MyoSystem 1200 is small, portable, and lightweight, making it ideal for muscle evaluations at remote or on-site locations. The MyoSystem 1200 is the clear economic and scientific choice.

## Benefits

- Provides scientifically reliable data
- Monitors four to eight muscles simultaneously
- Provides compatibility with motion analysis systems and other analog devices
- Includes set bandwidth of 10-500 Hz for SEMG or optional 10-1,000 Hz for fine-wire
- Enables quick, easy setup for patient comfort
- Provides virtually artifact-free signals

## Features

- Noraxon's internationally patented amplifier technology
- Four or eight channel unit, two units can be combined to provide up to 16 channels
- Lightweight and portable
- 18-foot (5.49 meter) cable length (standard) or 30-foot (9.14 meters) cable length (optional)
- Raw and integrated outputs
- Requires minimal skin preparation

## Specifications

### **Outputs**

- Bipolar +/- 5.0 Volts

### **Inputs**

- 0-7 mV

### **Sensitivity**

- +/- 1 uV

### **Per Channel Bandwidths (-3 dB)**

- 10-500 Hz, or Optional Setup 10-1,000 Hz

### **Input Impedance**

- > 10 MOhm

### **Overall Gain**

- 1,000 or 10,000

### **Differential Input Impedance**

- > 10 MOhm

### **Baseline Noise**

- < 0.7 V RMS

### **Common Mode Rejection**

- Effective 130 dB @ dc (Zero Hz)
- 100 dB @ 50/60 Hz
- Min. 85 dB throughout 10-500 Hz operating range

### **Dimensions**

- 2.25" L x 7.75" W x 11" H; 2 lbs. (27.9 cm x 19.7 cm x 5.7 cm; .900 kg)

*MyoSystem 1200 is not CE certified.*