A New Item!

We are proud to introduce our new Goniometer Amplifier! This new product offers a fast and reliable way to connect Biometrics brand electro-goniometers directly into the 4 research channels that are built into the MA-300 EMG System!

This Goniometer Amplifier can power and amplify both channels of data from a Twin Axis Goniometer or two separate channels of data from two Single Axis Goniometers. We also manufacture an Extension Cable (SGQ-002) that allows you to connect two separate goniometers or to better locate the Goniometer Amplifier away from the joint.

**Features**

- Connects Directly to the MA-300 EMG Systems Research Channels
- Compatible with Biometrics Brand Goniometers
- Powers and Amplifies 1 Twin Axis Goniometer or 2 Single Axis Goniometers
- Uses Quick Plug Connectors for fast easy set-up
- Lightweight Compact Design
- Interconnecting Extension Cables can be purchased to allow the Goniometer Amplifier to be located away from the joint.

**Specifications**

**GIB Amplifier Box:**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>34 grams</td>
</tr>
<tr>
<td>Dimensions (mm)</td>
<td>48 x 23 x 90</td>
</tr>
<tr>
<td>Input Connectors</td>
<td>4 Pin Female Binder</td>
</tr>
<tr>
<td>Output Connectors</td>
<td>5 Pin Male Binder</td>
</tr>
<tr>
<td>Output Voltage</td>
<td>+/- 2.5V</td>
</tr>
<tr>
<td>Current Requirement</td>
<td>5V at 20mA</td>
</tr>
</tbody>
</table>

**GIB Output Cable:**

<table>
<thead>
<tr>
<th>Connector</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input</td>
<td>5 Pin Male Binder</td>
</tr>
<tr>
<td>Output</td>
<td>Depends on Model</td>
</tr>
<tr>
<td>GIB-000</td>
<td>Bare Wire</td>
</tr>
<tr>
<td>GIB-001</td>
<td>4 Pin Harwin</td>
</tr>
<tr>
<td>GIB-002</td>
<td>4 Pin Binder</td>
</tr>
<tr>
<td>GIB-003</td>
<td>Mini 4 Pin LEMO</td>
</tr>
<tr>
<td>GIB-004</td>
<td>Large 5 Pin LEMO</td>
</tr>
</tbody>
</table>

(Specifications are subject to change. Feel free to contact us with any questions.)