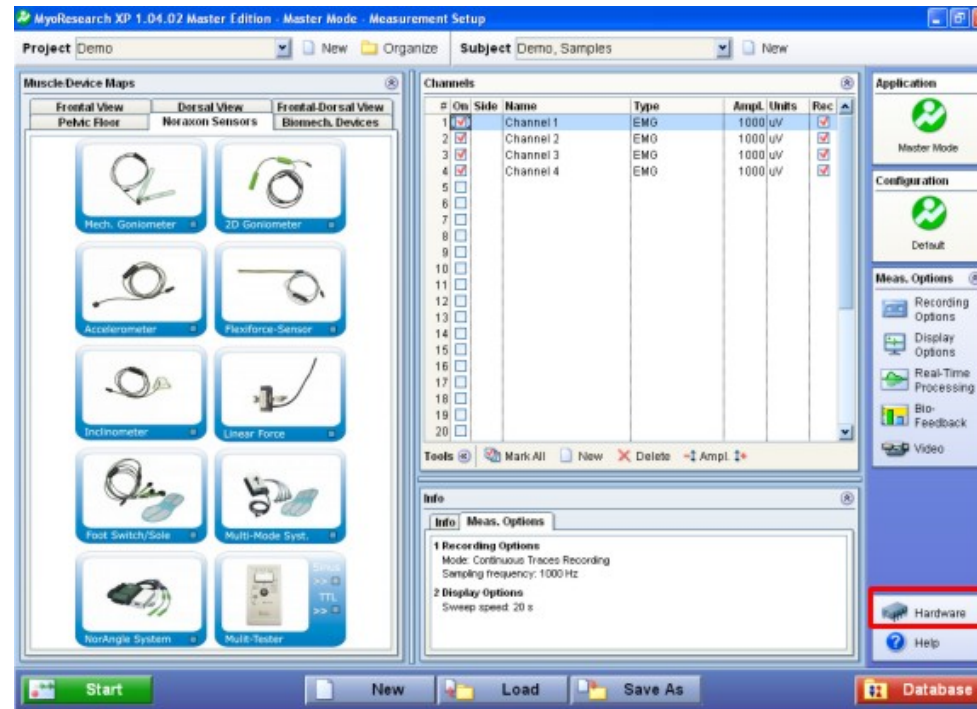


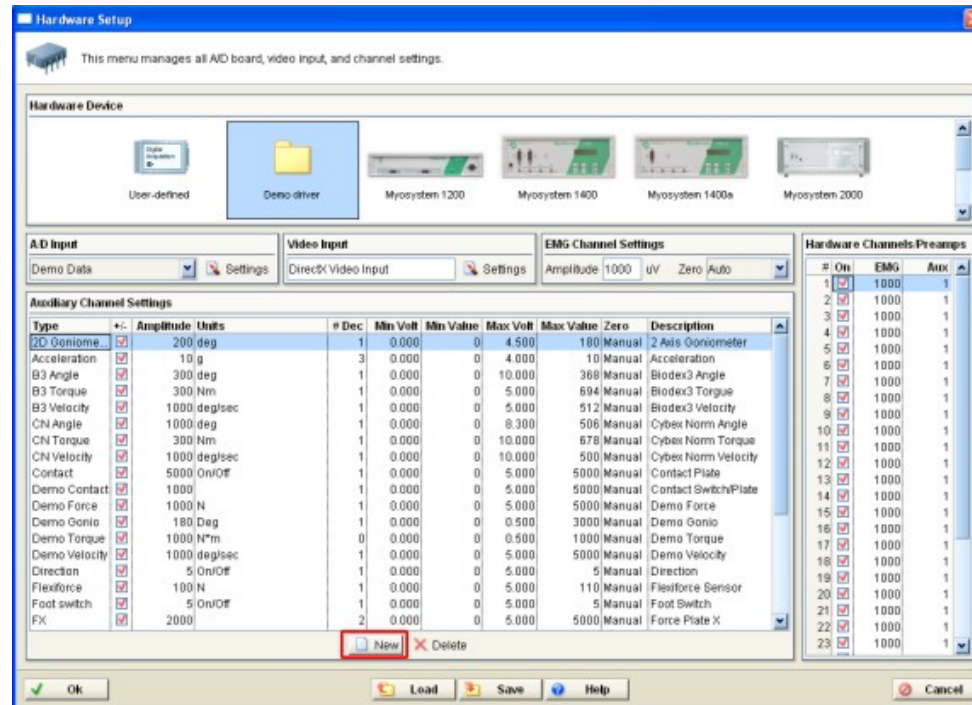
# **Create a New Auxiliary (Sensor) Type in MyoResearch XP**

# Hardware Settings Button



On the Measurement screen, click the **Hardware** button on the right hand side.

# New Auxiliary Channel Settings Button



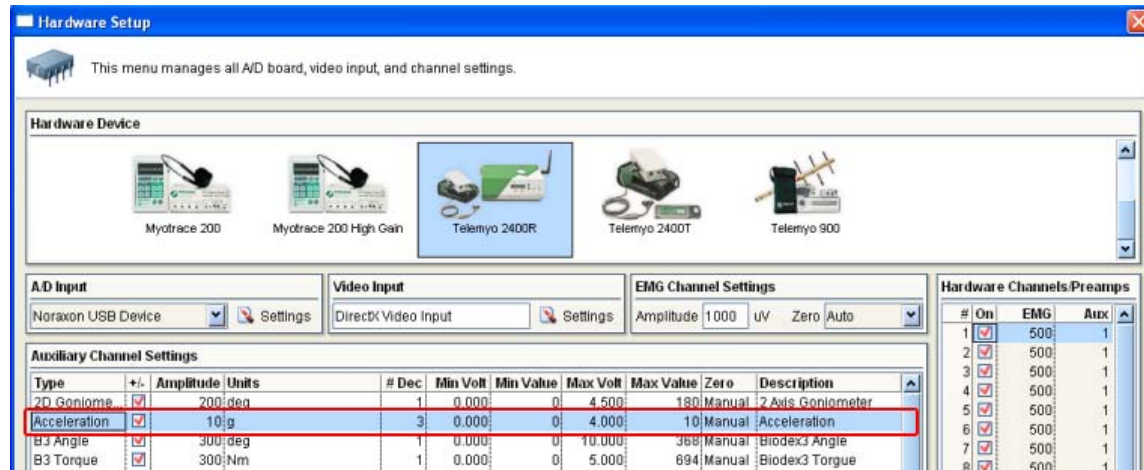
On the Hardware screen, click the **New** button located at the bottom of the Auxiliary Channel Settings list.

# Accelerometer Device Settings

For example, to enter the proper values for your hardware device, follow the example shown below:

Enter the required values for the Accelerometer Sensor:

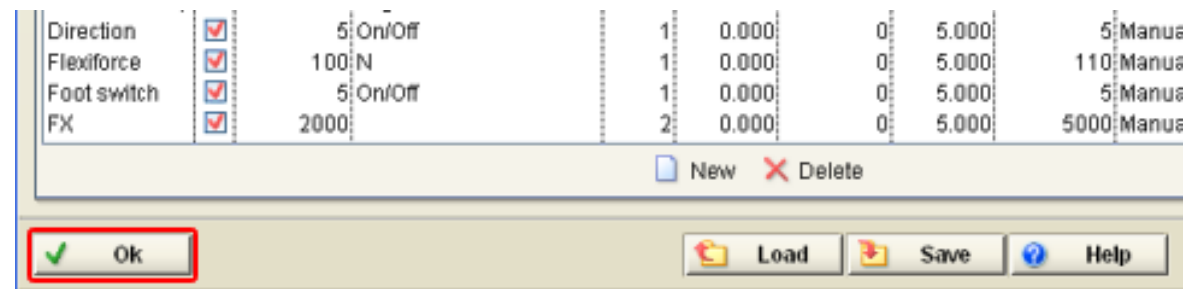
- Type: Acceleration
- +/-: Checked
- Amplitude: 10
- Units: g
- # Dec: 3
- Min Volt 0.000
- Min Value 0
- Max Volt: 4.000
- Max Value: 10
- Zero: Manual
- Description: Acceleration



The screenshot shows the 'Hardware Setup' window with the 'Hardware Device' section set to 'Telemetry 2400R'. Below this, the 'Auxiliary Channel Settings' table is visible, with the 'Acceleration' row highlighted in red. The 'Hardware Channels/Preamps' table on the right shows 8 channels, with channel 2 highlighted in blue.

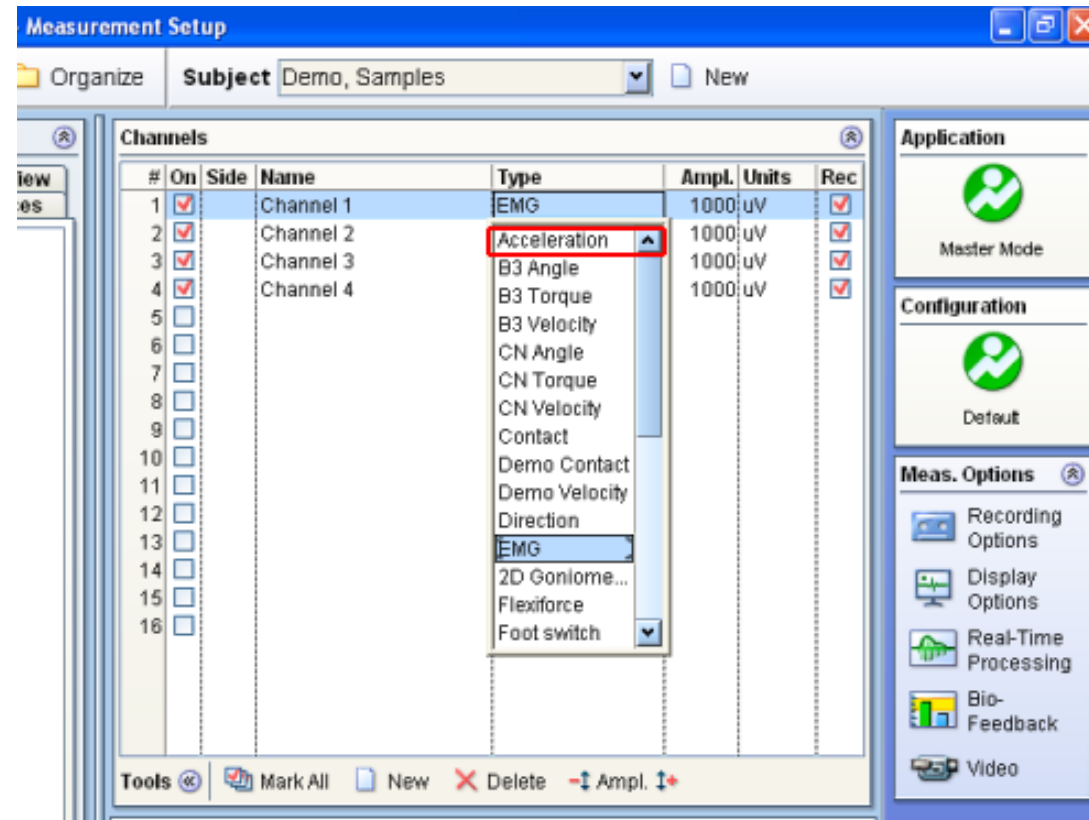
Type	±	Amplitude	Units	# Dec	Min Volt	Min Value	Max Volt	Max Value	Zero	Description
2D Goniome	<input checked="" type="checkbox"/>	200	deg	1	0.000	0	4.500	180	Manual	2 Axis Goniometer
Acceleration	<input checked="" type="checkbox"/>	10	g	3	0.000	0	4.000	10	Manual	Acceleration
B3 Angle	<input checked="" type="checkbox"/>	300	deg	1	0.000	0	10.000	360	Manual	Biodex3 Angle
B3 Torque	<input checked="" type="checkbox"/>	300	Nm	1	0.000	0	5.000	694	Manual	Biodex3 Torque

#	On	EMG	Aux
1	<input checked="" type="checkbox"/>	500	1
2	<input checked="" type="checkbox"/>	500	1
3	<input checked="" type="checkbox"/>	500	1
4	<input checked="" type="checkbox"/>	500	1
5	<input checked="" type="checkbox"/>	500	1
6	<input checked="" type="checkbox"/>	500	1
7	<input checked="" type="checkbox"/>	500	1
8	<input checked="" type="checkbox"/>	500	1



Click **Ok** at the bottom of the Hardware screen to return to the Measurement screen.

# Selecting the Acceleration Channel Type



On the Measurement Screen you should now have Acceleration available in the **Type** list. Click on **Acceleration** to use it for the selected channel.