

Graph Template Settings for BSL PRO Lesson H28: Reflex Response (h28.gtl)								
DISPLAY		Display > Show > select option to activate						
Show options	Toolbar, Measurements, Markers, Channel Numbers							
CHANNEL SETUP		MP30 > Set up channels						
<u>Analog channels</u>	<u>Preset selected</u>	<u>Label</u>	<u>Acq</u>	<u>Plot</u>	<u>Values</u>			
CH1	CH1 Input (Default)	Hammer	x	x	x			
CH2	EMG (30 - 250 Hz w/Notch)	Same as preset	x	x	x			
CH3	Goniometer	Same as preset	x	x	x			
PARAMETERS		MP30 > Set up channels > View/Change Parameters						
<u>Analog channels</u>	<u>DIGITAL FILTERS</u>			<u>HARDWARE</u>				
	<u>#</u>	<u>Type</u>	<u>Freq (Hz)</u>	<u>Q</u>	<u>Gain</u>	<u>Offset</u>	<u>Input</u>	<u>Filtering</u>
CH1		None			x100	0 mV	DC	5 kHz LP
CH2	1	High Pass	30.0	0.707	x10,000	0 mV	AC	1 kHz LP
	2	Low Pass	250.0	0.707				0.5 Hz HP
	3	Band Stop	60.0	1.0				
CH3	1	Low Pass	66.5	0.5	x2,000	0 degrees	AC	1 kHz LP
	2	Low Pass	38.5	1.0				0.5 Hz HP
	3	Band Stop	60.0	1.0				
SCALING		MP30 > Set up channels > View/Change Parameters > Scaling						
CH1	<u>Cal Button</u>	<u>Input value</u>	<u>Scale value</u>	<u>Units label</u>				
	Cal 1	-10	-10	mV				
	Cal 2	10	10					
CH2	<u>Cal Button</u>	<u>Input value</u>	<u>Scale value</u>	<u>Units label</u>				
	Cal 1	-1000	-1	mV				
	Cal 2	1000	1					
CH3	<u>Cal Button</u>	<u>Input value</u>	<u>Scale value</u>	<u>Units label</u>				
	Cal 1	Click Cal 1	0	degrees				
	Cal 2	Click Cal 2	90					
ACQUISITION SETUP		MP30 > Set up acquisition						
Mode:		3 settings: Record – and – Append – using – PC Memory			Length: 10 minutes			
Sample rate:		1000 samples/sec			Repeat: OFF			
GRIDS		Display > Show > Grid Options						
Grid Options:		Show minor division: OFF		Lock gridlines: OFF				
VERTICAL SCALE		Click on vertical scale region of the desired channel (right edge of data window)						
	<u>Scale</u>	<u>Midpoint</u>	<u>Precision</u>					
CH1	1.11 mV/div	0.88 mV	2 digits					
CH2	0.19 mV/div	0.10 mV	2 digits					
CH3	14.47 degrees/div	2.09 degrees	2 digits					
HORIZONTAL SCALE		Click on horizontal scale region (bottom edge of data window)						
All Channels	<u>Scale</u>	<u>Start</u>	<u>Precision</u>					
	20.00 sec/div	0.00 seconds	2 digits					
MEASUREMENTS		Use pull-down menus to set channel measurement type						
CH: Measure	SC: delta T	SC: value						