

Documentation Report Tab

CalTester Report Tab

The Report Tab of CalTesterPlus is used to generate a report on one force platform using a single trial.

Report Main

CalTester Reports will be created for all selected C3D files.

Verify the Force Platform selected and the Minimum Force Value

Selected Force Platform: FP2

Minimum Valid Force (in Newtons): Save as Default

Options

The Select Force Platform dropdown allows you to select which platform you would like to create a report on. If the file(s) that you have selected only have one force platform this dropdown box will not be available. However, if you have more than one force platform in the trial(s) that you have selected then the dropdown box will be populated with the force platform names that were used in your .c3d file(s).

The Minimum Valid Force (in Newtons) text field allows you to set a threshold for the data that you are using. The default value is 100 N, meaning that any force which is less than 100 N will not be used in the analysis. For labs that are measuring human gait 100 N is an appropriate threshold level. This should only be adjusted if the force platform being analyzed has a large capacity and low resolution. If your forces platforms do require a Minimum Force different from 100 N you can save this setting by entering the desired value and clicking the Save to Registry button. This will change the default for subsequent sessions.

Report Marker Labels

The screenshot shows the 'Marker labels' tab in the CalTesterPlus software. The interface is divided into several sections. At the top, there are two tabs: 'Marker labels' (selected) and 'Dimensions'. Below the tabs, there are two buttons: 'Guess Combination' on the left and 'Save Combination to Registry' on the right. In the center, there is a diagram of a vertical line with three horizontal segments, each marked with yellow dots. To the left of the diagram are three dropdown menus labeled 'T2', 'B2', and 'B1'. To the right of the diagram are three dropdown menus labeled 'T1', 'M', and 'B1'. At the bottom center, there is a 'Main' button.

The Options section allows you to make sure that CalTesterPlus has the correct label names associated with the correct markers. If you have a file selected when you navigate to this section of the screen then the program should guess the marker naming convention automatically. If not click on the Guess Combination button on the top left. If there are errors in the automatic labeling you can use the drop down menus to pick from any of the marker names that are listed. The drop down menus have all the marker names that are listed in the c3d files selected. If you have made changes to the marker naming you can save these for further use by pressing the Save Combination to Registry button at the top right. This marker naming convention will become the default for future sessions.

Report Dimensions

Marker labels

Dimensions

X: 0.1600 mY: 0.00 mZ: 0.80 m

X: -0.1600 mY: 0.00 mZ: 0.80 m

X: 0.1600 mY: 0.00 mZ: 0.20 m

X: -0.1600 mY: 0.00 mZ: 0.40 m

X: -0.1600 mY: 0.00 mZ: 0.20 m

Tip at origin (0,0,0)

Mass: 1.40 kgCalTester Plate Thickness: 0.0024 m

Save to Registry

Main

This page gives a read out of the coordinates of each marker with the tip as the origin. If you are using a CalTester rod that you purchased along with the program the defaults will be correct. Do not change the marker values if you are using a purchased CalTester rod as this will introduce errors into your results. If you are using a rod that you have machined yourself then you will have to enter its dimensions manually. Be sure to also enter the correct mass of the CalTester and the thickness of the CalTester Plate. These measurements can be saved as the future default by clicking the Save to Registry button.

From:
<http://www.wiki.has-motion.com/> - Wiki Documentation Site

Permanent link:
http://www.wiki.has-motion.com/doku.php?id=caltester:caltesterplus:documentation:documentation_report_tab

Last update: 2024/07/17 15:44

