



QUALITY FOR LIFE

OBSS 6.6

QUICK REFERENCE GUIDE FOR SOFTWARE VERSION 6.6 AND POLHEMUS PATRIOT DIGITIZER

STEP 1 CONNECTING TO THE SYSTEM ELECTRONICS UNIT (SEU)

Ensure all connections are in place and secured.

Ensure that the SEU is plugged in and turned on. *Make sure the unit is switched off while plugging it into the electrical outlet. Failure to do so may damage the unit*

A system status indicator located on the front panel should flash red for 5 to 10 seconds indicating self-test and set-up. When these routines are completed, the indicator will reflect system status as follows:

***Steady green** - System operational with a good quality magnetic signal

***Flashing Red** - Failed self-test and set-up

Ensure that hardware switches are set correctly

Default 115200 baud---All switches down

STEP 2 OPEN SOFTWARE

Double click the "Data Station" desktop icon to open the software. In the information bar on the left side of the screen highlight your company name and right mouse click to create a new patient file. Fill in appropriate information and click "okay". Return to the information bar, highlight the patients name and right mouse click to "create a new shape system" for that patient.

STEP 3 CALIBRATION PROCEDURE

Choose "single system" or "full system" inside the "digitizing wizard" box and click "Next" button. You will then be asked to place the stylus in the hole next to the "O" in the wooden stand and press the stylus button. You will then be prompted to repeat this procedure for the "X" and the "Y" positions. When all points are entered correctly, you should see a yellow box displayed on your computer screen.

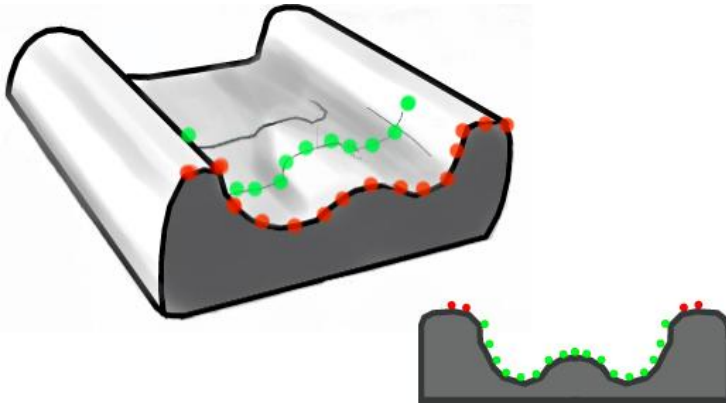
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Tip: Choose the "edit" pull down menu and scroll down to "options". Click on "options" to open the dialogue box and click the "cutting box" tab. Change "back-seat angle" to match the seat to back angle of the fitting chair. This will greatly reduce or completely eliminate the need to modify trim lines after the mold is digitized.

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STEP 4 ENTERING POINTS

1. Place the stylus on the point where you want to start digitizing a line.
2. Press the button on the stylus to enter points at approximately 1 inch intervals.
3. When all of the points for a line have been entered hold the stylus one arms length away from the side of the stand that has the "Y" on it and press on the stylus button once. The digitized points will be connected to create a solid line. (Changes from red to blue in color)
4. To continue digitizing the seating system repeat steps 2 through 4. (see illustration below)



STEP 5 Once you have digitized all the lines for the full system or single system use your mouse cursor to click on the "end digitization" icon inside the "digitizing wizard". You will be asked if you wish to "trim the front" and "trim the back" curves. Choose "yes" each time.

STEP 6 SAVING THE FILE

Choose "**Save**" or "**Save As**" from the "**File**" pull-down menu or use your mouse cursor to click on the floppy diskette icon located at the top of the screen. The "**Job Reference**" window will pop up. Type in the name you wish to save the file under and press enter or click "**ok**". The system will default to the .obs format required by the OBSS system.

Step 7 CREATING A COMPLIANT FILE

1. Review overall cushion dimensions as it relates to the mobility base you will be mounting the cushion(s) on.
2. Verify you have met the cushion minimum thickness guidelines
3. Using the "View" pull down menu, generate a "surface" on the digitized image and perform a visual comparison between the image and the molding bags. If you see obvious disparities, you may wish to re-digitize the image.