ODYSSEY CLx

Self-Installation Guide

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1 Placement Guidelines

Complete guidelines for instrument placement are given in Chapter 1 of the Odyssey® CLx Operator's Manual.

- Use two people when moving the Odyssey CLx Imager. Lift under the metal enclosure on each side of the instrument, keeping it as level as possible. Gently set the instrument at its new location.
- Place the Odyssey CLx Imager away from heat sources (furnaces, windows, etc.) and sources of water that pose a shock hazard.
- Place the instrument and computer on a laboratory bench that is sufficiently sturdy to bear their weight.
- Adjust the leveling feet as necessary, until the instrument is level and does not rock back and forth.
- Recommended operating conditions are 15-35°C and a dew point not greater than 20°C to prevent condensation on the laser/microscope assembly during operation.
- Allow the instrument to adjust to the temperature and humidity of the room before powering it on to avoid damaging the instrument. It may be necessary to allow up to a day in the new location in cases of extreme temperature and/or humidity change.

2 Computer and Image Studio Software Installation

a) Set up the computer and LCD monitor according to the manufacturers' instructions.

b) Connect the power cables from the computer and LCD monitor to the surge protector (if included) and plug the surge protector into a wall outlet. Or, plug the power cables directly into a wall outlet.

c) Power the computer and LCD monitor on. Follow the setup instructions for the operating system.

Important: You must be logged in to Windows® using an Administrator type account. If necessary, log out and log back in using an Administrator account.

d) Insert the Image Studio for Odyssey CLx CD into the CD-ROM drive. If the installation application does not start automatically, open "ImageStudioInstaller.exe" on the Image Studio CD.

e) Click **Next** and follow the installation instructions.

f) Click **Finish** when installation is complete. An icon for the Image Studio application is placed on the desktop, but don't start the application yet.

3 Connecting Ethernet and Power Cables

g) Connect the supplied power cable to the power receptacle on the Odyssey CLx back panel.

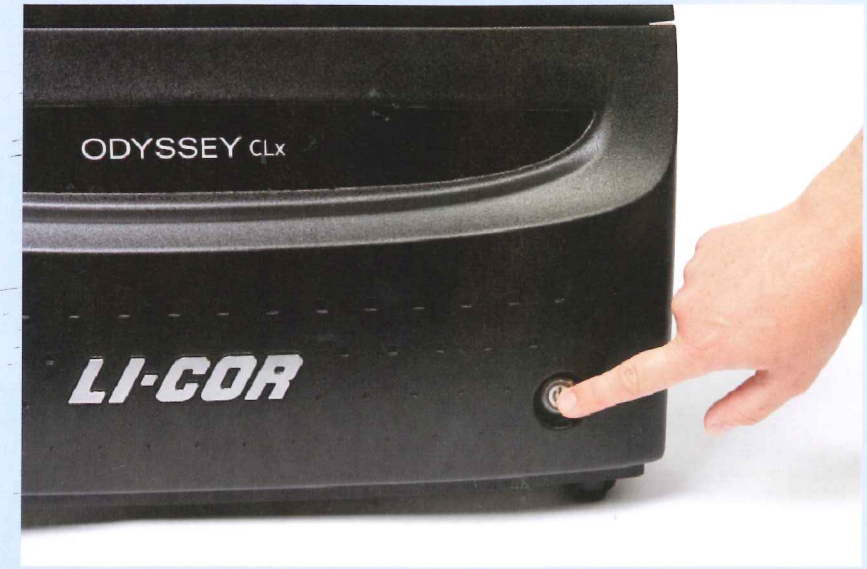
h) Connect the other end of the power cable to the surge protector from step 2b (if included), or directly into a wall outlet.

i) Connect the supplied networking cable to the port labeled **LAN** on the Odyssey CLx back panel. Use only the supplied networking cable.

j) Connect the networking cable from the Odyssey CLx Imager to the network port on the computer's back panel. (The second network port on the PCI card in the computer can be used for your local network.)

4 Powering On the Odyssey CLx Imager

k) Press the power button on the Odyssey CLx front panel.



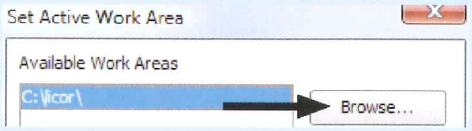
l) The flashing blue power light stops flashing when the instrument is ready for normal operation.

Note: Wait several minutes before starting Image Studio software to allow the instrument to establish a network address.

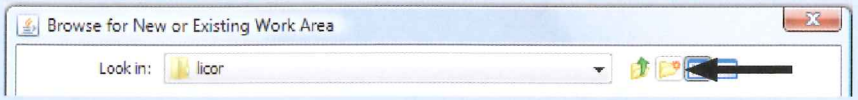
5 Verifying Connections

m) Double click the Image Studio icon on the desktop to start the Image Studio Software.

n) Create a new Work Area by clicking **Browse...** to open a file selection window.

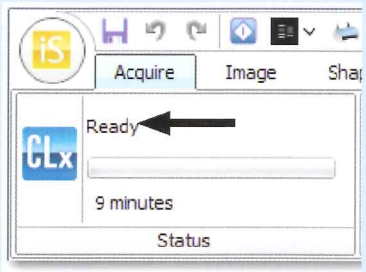


o) Select a drive and folder for the new Work Area. Create a new folder by clicking the **New Folder** button. Name the new folder. This is the new Work Area.



p) Click **Open**. This folder will now be listed as an available Work Area. Select it and click **OK**.

q) In the Acquire ribbon verify that the Status message next to the CLx icon reads "Ready". The Odyssey CLx Imager and computer are correctly connected when "Ready" is displayed.



Note: If a connection is not established, close Image Studio software and wait several minutes. Repeat step *m)*. Select the Work Area and click **OK**. Repeat step *q)*.

6 Quick Start Image Acquisition

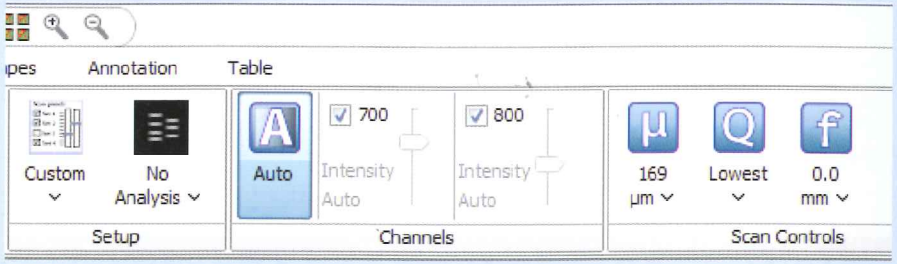
r) Place a blot on the scan bed of the Odyssey CLx Imager.

s) In Setup leave the default settings of **Custom** template and **No Analysis**.

t) Click the **Auto** button so that it is highlighted blue for wide dynamic range.

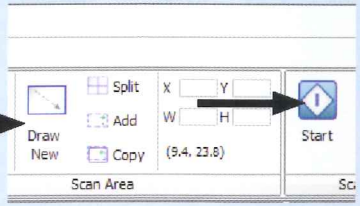
u) Select **700** and **800** for a two-color, near-infrared image acquisition.

v) Set the Scan Controls to **169 µm**, **Lowest**, and **0.0 mm**.



w) Click the **Draw New** button. Drag a bounding box on the scan bed graphic in the location of the blot.

x) Click the **Start** button to begin the scan.



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