

# Imager FX Instructions

These are general guidelines to help remind users who have already been trained

1. Though the RIC Facility houses the Imager FX instrument, the necessary components for exposure and viewing are not available and must be purchased separately through BioRad. The Imager FX is compatible with most phosphor imaging screens. The Imager FX can also be used to visualize fluorescent and chemiluminescent screens.
2. To use the instrument log into Quantity One Basic on the computer next to the Imager. This is the software that connects to and runs the Imager.
3. In the upper right hand corner of the screen there is a box. Option number 1 is the select scanner button. Press this button and choose FX at the bottom. This will bring up the control panel for the Imager.
4. Choose the type of screen you will be running using the “select” button located directly under the channel tab. Next select the size to scan by dragging the scanner box boundaries as you would resize a picture using word or paint. Note: the larger the image to be scanned the longer it will take to scan.
5. Next select the resolution. The lower resolution sizes are actually the higher resolution and thus will be larger files and will take longer to scan. Note: A full sized scan at the highest resolution can take up to 2 hours to completely scan.
6. Open the door on the front of the Imager by swinging it down and towards you. Place your screen into the Imager by aligning to colored arrows and pushing it into the Imager. Close the door and make sure the instrument is powered on. This is done by the “READY” that will be lit up on the LED screen of the instrument. To begin scanning click the acquire button on the quantity one control panel.
7. You may save the file as a .sc1, .jpeg, or .tiff file. To save as a .jpeg or a .tiff you must go to File: Export Image as JPEG or File: Export Image as TIFF. You can then put the image on a flash drive or you can email it to yourself. Remove the screen from the Imager and close the quantity one software.
8. Fill out one of the Usage cards by the instrument and drop it in the Usage Box on your way out.