

UF | ICBR Cytometry

University of Florida, Interdisciplinary Center for Biotechnology Research

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CTAC CBR SOP: Starting the LCS software on the Leica TCS SP5 Confocal Microscope

Materials Required:

- LCS software
- Computer
- Argon Laser Unit
- Leica TCS SP5 Confocal Microscope

Purpose:

To facilitate operation of the LCS software for the Leica TCS SP5 Confocal Microscope.

Starting the LCS Software



If the LCS program is not running double click on the Leica icon on the desktop.

The Main menu will appear.

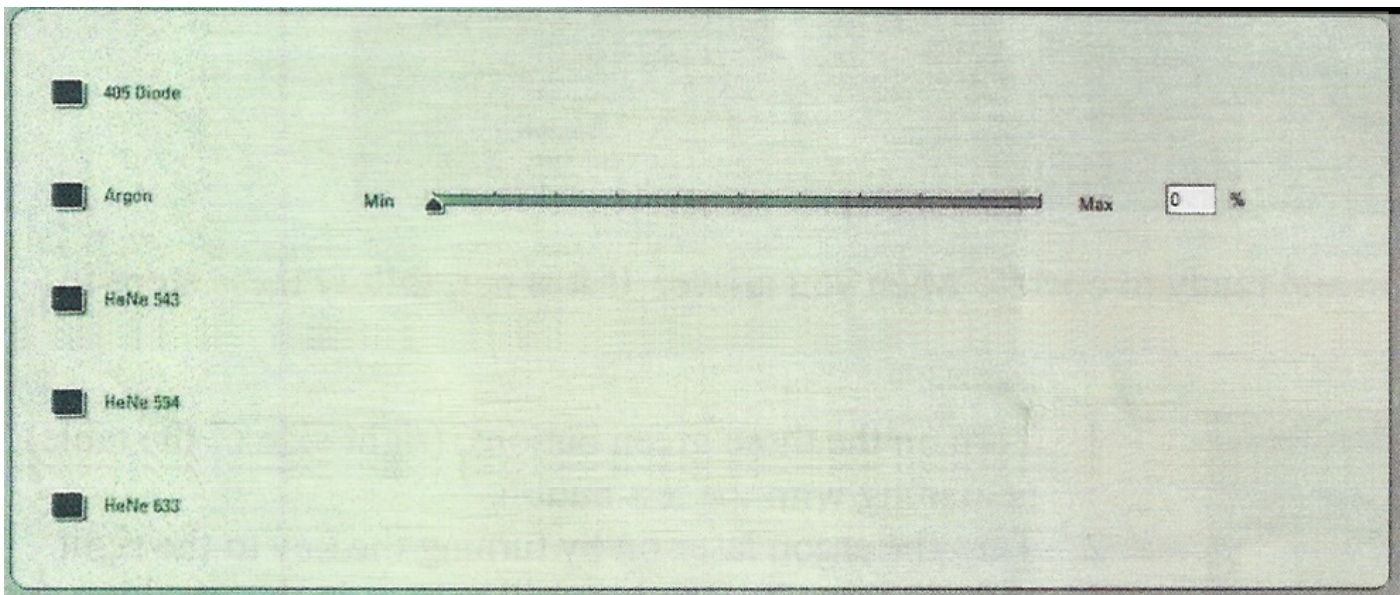
To begin:

1. Click on the **“Start”** button
2. Click **“OK”** when asked **“Check configuration of machine?”**
3. Click **“YES”** when asked if you want to initialize the stage.
4. Click on **“Configuration”** tab at top of left screen



5. Click on the Lasers button

The following window will open:



6. Turn on the lasers that you will be using by clicking in the box beside the appropriate laser.
7. Set the slider for the argon laser to **30%**
8. Click on "**Acquire**" tab to return to the imaging screen.

The system is ready to begin operation.

IMPORTANT: When you are finished return the Argon laser power to 0% and clean the objectives used with clean lens tissue paper.