

Manual for Leica SP2 Confocal Microscope

Enter you name, the date, the time, and the account number in the user log book.

Things to check before start-up.

- Make sure that your sample slides are clean and sealed. Use Windex and cotton balls or Kimwipes to clean coverslips. Fixed samples need to be sealed with nail polish.
- Check the objectives. The 10x and 20x objectives are DRY objectives, and should NEVER have oil on them! There are 40x and 63x OIL immersion objectives, and a 63x WATER immersion objective also on this microscope. If oil immersion objectives have oil on them, wipe the lens gently only with **lens paper**.

System Start-up.

1. Turn on the microscope controller^① and the Scanner Laser HeNe^② and PC/Stand^③ switches.
2. Turn on the computer^④ and log on to the desktop.
3. Turn on the Mercury Arc Lamp power supplier, if you look at fluorescently labeled samples.
4. Start the LCS program by double-clicking the LCS icon on the desktop.



On the pop-up starting window panel, select the **Personal** that contains your setting for acquisition parameters you have created or **Company** for a default setting.



Leica Sp2 Manual

Brendan G. Carr



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