
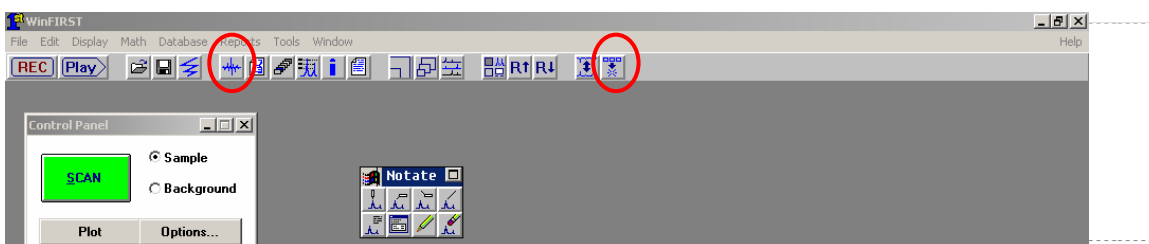


Mattson Genesis FT-IR

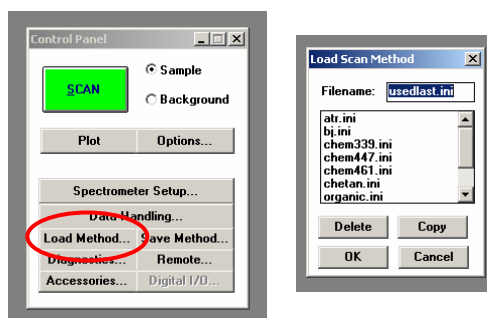
for CHEM 339

Operating instructions

1. The control panel window should be visible on the screen. If not, press the  icon in the toolbar.

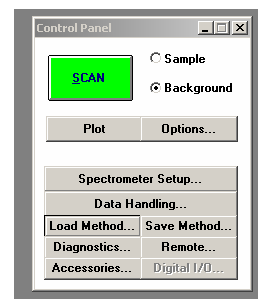


2. In the control panel, click
→ **LOAD METHOD**
→ **Chem 339.ini**, then press **OK**



3. With an empty sample compartment, click **Background** in the Control Panel.

→ press the green **SCAN** button
→ click **OK** in the ready for sample scan window.
→ type background title when prompted and then **OK**.



4. Place sample in sample compartment, then click **Sample** in the Control Panel.


→ press the green **SCAN** button
→ click **OK** in the ready for sample scan window.
→ type sample title when prompted and then **OK**.


5. Data will appear in a new window. From the notate window, choose one of the peak picking icons. Click on it multiple times. Each click opens a red window which will allow you to pick one peak. Move the cursor to the peak minimum and left-click to display the wavenumbers. The pencil button can be used to erase peak labels.



6. After all peaks are labeled, right-click twice in the data area. The **Data area** window will appear. Change the limits according to your needs, so that all peaks and labels are displayed on the screen.

7. Press **F7**, which will open the plot window. Choose **plot**, then **done**.

8. Click the  icon in the toolbar to erase your spectra.

9. Click the  icon in the toolbar so that the instrument will be ready for the next user.

10. Do NOT exit the program WinFirst.

