RF-5301PC 荧光分光光度计

1．确认Xe 灯开关在ON 状态，开主机电源开关。

2．双击电脑上的图标，软件会自动联机自检。自检后让灯预热不小于10 分钟。

如果作光谱扫描：

1．确认下拉菜单Acquire Mode→spectrum 打勾，单击configure→parameters，在弹出的对话框中选择合适的参数，按OK 键。

2．置入样品并盖上样品室，点击Start 键，扫描完毕后可在图面上点击右键→Radar→both axes 使图像最佳化。

3．点击Manipulate→peak pick，将弹出的对话框拉长即可查看峰值，在此对话框里也可改变阈值，如果要打印，点击copy 将框里内容复制到记事本并保存。

4．点击Presentation→Plot, 编辑打印图面并点击print 执行打印。

如果作定量测定：

1．确认下拉菜单Acquire Mode→Quantitative 打勾，单击configure→parameters，在弹出的对话框中选择合适的参数，按OK 键。

2．置入空白，点击Auto Zero。

3．置入样品，如果是标样，则将Standard 点灰，然后点击Read 并输入标样浓度，如果是未知浓度的样品，则将Unknow 点灰，然后点击Read。

4．点击 Presentation→Plot，编辑打印图面并点击 print 执行打印。

功能

用于荧光物质的定量分析

RF-5301PC Fluorescence Spectrophotometer

1. Turn on the Xe lamp, turn on the power switch of the main engine.
2. Double- click the ***RFPC*** icon on the computer, and then the software will be online and self-inspection. The Xe lamp should be preheated more than 10 min after self-inspection.

For Spectrum Scanning:

1. ***Acquire Mode→Spectrum*** (tick), click ***Configure→ Parameters***, choose suitable parameters in the popping dialog box, click ***OK***.
2. Imbedding sample and lid the sample chamber, click ***Start*** to scan. Click the right-hand button on the spectrum, ***Radar→both axes*** to optimize the spectrum.
3. Click ***Manipulate→peak pick***, then stretch the popup dialog to check the peak value, the threshold value can also be changed in this dialog. Click ***Copy*** to copy the content in the dialog to the Notebook and save, then the content can be printed.
4. Click ***Presentation→*** *Plot*, edit the print sheet and click ***Print*** to print.

For Quantity Determination:

1. ***Acquire Mode→Quantitative*** (tick), click ***Configure→ Parameters***, choose suitable parameters in the popping dialog box, click ***OK***.
2. Imbedding black control, and click ***Auto Zero***.
3. Imbedding sample. Click ***Standard*** to grey if imbedding the standard solution, click ***Read*** and input the concentrations of the standard solution; Click ***Unknown*** to grey if imbedding the unknown concentration sample solution, then click ***Read*** to read the results.
4. Click ***Presentation→*** *Plot*, edit the print sheet and click ***Print*** to print.

Function

Quantitative analysis of fluorescent substance