

Procedure for Checking or Resetting Lamp Hours in the ChemStation 8453A UV-Vis Spectrophotometer

Checking lamp hours:

Select the **Verification and Diagnostics** mode of the ChemStation software. The **8453 Instrument Counters/Timers** table is displayed when you choose the **Information** task from the **Task** menu then choose the **Instrument Counters/Timers** command from the submenu or choose the **Summary Information** item from the Instrument panel and choose **Instrument Counters/Timers** from the list.

The table contains a list of the 8453 timers and counters, and their current values:

- Total running time of the UV (deuterium) lamp
- Time since the UV (deuterium) lamp was switched on
- Total running time of the Vis (tungsten) lamp
- Time since the Vis (tungsten) lamp was switched on
- Total number of shutter actions

Choose Close from the table's Control menu, or double-click on the Control menu box to close the 8453 Instrument Counters/Timers table.

Resetting Lamp Hours:

As explained above, select the **Verification and Diagnostics** mode of the ChemStation software. The **Maintenance Logbook** is displayed when you choose the **Information** task from the **Task** menu then choose the **Maintenance Logbook** command from the submenu or choose the **Instrument Logbooks** item from the **Instrument** panel and choose **Maintenance Logbook** from the list.

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The **Maintenance Logbook** contains a table of all maintenance activities entered using the **UV-Vis Maintenance Logbook Entry** dialog box. Select Replace lamp. After this selection is made, you will be prompted with a question asking if you want to reset the lamp hours.