

Databook

The databook allows you to monitor key process variables in both steady state and dynamic modes. Variables for all databook features are selected in a single location. You can then activate variables from the main list for each application.

There is only one databook in each UniSim Design case, containing variables from all flowsheets.

You can access the databook by using one of two methods.

- Click the Databook command in the Tools menu.
- Press the **CTRL D** hot key combination.

Adding the variables

1. From the **Tools** menu, select **Databook**. The **DataBook** view appears.
2. Click on the **Variables** tab.
3. Click the **Insert** button. The Variable Navigator view appears.
4. From the Variable Navigator, select the variable you want to use.

Adding a case study

5. Click on the Case Studies tab.
6. Click the Add button. A new case study is added to the list of available case studies.
7. Click the Ind checkbox for the (independent) variables that UniSim Design will vary in the case study.
8. Click the Dep checkbox for the calculated (dependent) variables.

Setting up a case study

9. Click on the Case Studies tab.
10. From the list of available case studies, select the case study you want to set-up.
11. Click the View button. The Case Studies Setup view appears.
12. For each independent variable, specify a lower and upper bound, as well as a step size
13. Click the Start button

Viewing case study results

14. In the Case Studies view you can toggle between tabular and graphical formats by clicking either the Table or Graph radio buttons. Each tab can have a different display format.
15. Data can be copied to excel sheet by clicking the Transpose Table radio button, selecting the data columns, click on Edit in the Toolbar and selecting Copy with Labels