

New features in data collection and beamline controls

As of February 3, 2013

General

Hutch tab

Sample tab:

Screening tab/Sample automounter

- Multiple (up to 20) consecutive images can be collected at each of the three possible angles.
- Every time strategy results are recalculated in the Collect tab, the sample Spreadsheet in the screening tab is updated with new results.
- Gripper is automatically sent to warm up when the expected data collection time exceeds the scheduled warm up time.

Raster tab:

- Multiple rastering sites, found in interactive mode, can be manually selected and passed to the Collect tab for further data collection.
- Raster parameters are now also saved.

Collect and Analysis tabs:

- Automated data processing starts after specified (by staff) sweep of data is collected. At the completion of processing, new images are detected and processing starts again from the beginning. Processing results, which are also displayed in the Analysis tab, are overwritten each time processing is completed.
- AIMLESS replaced SCALA as a default program for scaling and merging. SCALA can be selected from Options menu.
- Every time strategy results are recalculated in the Collect tab, the sample spreadsheet in the Screening tab is updated with new results.
- Helical mode selection added, making the setup more straightforward.

Scan tab:

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