

This user guide describes how to set up and run an automated routine. An automated routine may be ideal if you wish to run multiple scans over the same area on a sample.

1. Load and setup your scan as described in the operation user guide steps 1-8.
2. Once you have selected a desirable position on your sample, you must select a scan routine. Select "File" from the menu then "Open". The user-available scan routine programs can be accessed by clicking on the "Desktop" icon on the left then double clicking on the "User Programs" folder. Select a program from the menu appropriate for your sample and click Load. You may use a program that you have previously created or one of the pre-defined programs named "RS_262000_step.mp", "RS_65500_step.mp" or "RS_6550_step.mp". The numbers in these RS_###_step programs refer to the measuring range (in nm) setting for each. **Note: To create your own program, please see the "Creating Programs User Guide" later in this packet.** Upon loading the selected scan routine, you will be automatically taken to the "Scan Routines Window".
3. If you wish to edit the current program, please refer to the "Creating Programs User Guide", steps 2-4. If you do not wish to edit the current program, continue to the next step.
4. Left click once on program number 1 under "Scan Routines" to select it, then click once on the "Copy current scan routine to a range of scan routines" icon in the toolbar. A dialog box will appear prompting you to enter "To scan routine #" and "Through Scan Routine #". Enter the range of numbers to copy the program to. For instance, if you wish to have an automated program with 10 total routines, you will enter "2" into the first box and "10" into the second. Once the boxes have been filled in, click "OK".
5. You may now make any changes to the individual routines in your list if needed. If no changes are necessary, proceed to the next step.
6. Once you have setup the desired parameters, click "OK" then go to "File" and "Save As...". **Note: DO NOT go to "File" then "Save", this will overwrite your changes into the default scan program!** The file should be saved in "Desktop", "Shortcut to User Programs". Name the file, be sure to put your first and last initials as the first two letters of the file name so that it is easy to find your program at a later date. Click "Save" and the program is ready to be run.