



Agilent Technologies

Agilent Automated Solder Joint Inspection System Medalist SJ 4.12.05.03 Software Release Notes

The Agilent SJ 4.12.05.03 software release demonstrates the continued innovation and commitment to improvement in solder joint inspection by Agilent. As part of our continuing software enhancement and support service, Agilent Technologies is releasing the SJ 4.12.05.03 software to our valued customers. This is part of Agilent's software update service that provides additional value to the SJ50/sj5000 systems by offering new and improved algorithms and improved overall system stability.

- The revision SJ 4.12.05.03 has only been tested with a HP xw4400 running Windows XP Professional.
- The revision SJ 4.12.05.03 has not been tested or validated to run on Windows 2000 or any other controller type.

Question: Do I need a new license?

Answer: No! If you have software 4.12 already loaded, you already have a valid license to install 4.12.05.03 full release software. If you need to buy additional licenses, please contact Agilent's Technical Support.

Software Installation Procedure:

To install the new SJ 4.12.05.03 revision:

1. Exit out of the SJ-GUI application.
2. Backup the current AOInEngine.exe and sjGUI.exe in c:\Program Files\Agilent Technologies\SJ Series folder.
3. Unzip the package to a temporary location, example c:\temp folder or desktop.
4. Double click on setup.exe.
5. Select Yes.
6. Select Ok.
7. Select Finish to reboot your PC.

Software Reversion Procedure:

To revert to the previously installed version of the SJ 4.12.05.02 or earlier software, you will have to:

1. Go to the backup folder that you had created before installing this latest SJ 4.12.05.03 software.

2. Right click on AOInEngine.exe and select Register COM Server.
3. Double click on the sjGUI.exe icon to launch the SJ GUI application.

Terms & Conditions:

Customer's Software license is transferable upon Agilent's receipt of the name, address and location of transferee and payment of any applicable fees to the extent permissible under local laws. Customer will immediately upon transfer deliver all copies of the Software to the transferee. The transferee must agree in writing to the terms of Customer's license. All license terms will be binding on involuntary transferees, notice of which is hereby given. Customer's license will automatically terminate upon transfer.

Bug Fixes

The "CR" numbers used below, refer to the Change Request numbers in Agilent's software tracking system.

CR31803: Z type – Lead ROIs does not follow part rotation

Type: Bug

Problem: The lead ROIs of z-type algorithm does not follow the part rotation.

Resolution: Fixed.

CR32185: Add two box mode (pair mode) in side fillet for C/R type

Type: Enhancement

Problem: In the Side Fillets tab under "box mode", currently there is a choice of 1 box mode or 3 box mode. That is for toe only, or toe and sides. This means that you cannot setup the logic for 2 side fillets.

Resolution: Added.

CR33293: Re-inspect failures gives wrong defect call on split s-types

Type: Bug

Problem: When re-inspect feature is enable, if a bridge is found on a split s-type component, it will be re-inspected the split s-type component at the end of the inspection and report as missing, instead of bridging.

Resolution: Fixed
