



# Agilent Technologies

## **Agilent Automated Solder Joint Inspection System Medalist SJ 4.12.05.01 Software Release Notes**

The Agilent SJ 4.12.05.01 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 4.12.05.01 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 4.12.05.01 has only been tested with a HP XW4400 running Windows XP Professional.**

SJ 4.12.05.01 has not been tested or validated to run on Windows 2000 or any other controller type.

**Question:** Do you need license?

**Answer:** No! If you have software 4.12 already loaded, you already have a valid license to install 4.12.05.01 full release software. If you need to buy additional licenses, please contact Agilent's Technical Support.

### **Software Installation Procedure:**

To install the new SJ 4.12.05.01 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.
4. Double click on setup.exe.
5. Select Next.
6. Select Ok.

**Software Reversion Procedure:**

To revert to the previously installed version of the SJ 4.12.05 software, you will have to:

1. Go to the backup folder that you had created before installing this latest SJ 4.12.05.01 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.

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

**CR31165: Operator Interface SMEMA Status**

**Problem:** Display of a fixed table of SMEMA status on Operator Interface, which is similar to Machine IO in Tools Menu but condensed.

**Resolution:** Original operator interface does not visualize SMEMA status on GUI. This fix will create a table that shows board ready, inspecting, passed and failed status on Operator interface.

**CR32659: XY Histogram Display Error**

**Problem:** The center line of XY histogram is offset from center even though the inspected offset is close to 0 micron.

**Resolution:** XY offset histograms will display on engineer screen after manual inspection but the center line is offset from 0 point.

**CR32709: SJ Coverage Tool does not show Hor/Vert Thresholds for U-Type**

**Problem:** SJ Coverage Tool does not show Hor/Vert Thresholds for U-Type.

**Resolution:** Display maximum horizontal, vertical and skew thresholds for U-Type devices in Coverage Tool and this allows our customers to obtain complete summary from Coverage tool.

**CR33445: Ringer information in Database is lost**

**Problem:** When exporting a device/algorithm from Database A to Database B, the Ringer data is not copied across to Database B.

Ringer data is not copied across to a new database, when using "Create New from Existing" option in Database Manager.

**Resolution:** Fixed.