



Agilent Medalist x6000 1.16 Software Patch Release Notes

The Agilent x6000 software patch has been created to correct several issues with previous software releases. This patch also provides a set of enhancements which will change how applications are developed providing both the ability to generate a more reliable application while also improving the overall user experience. It is strongly recommended that users of the previous 1.1x software releases install the latest patch.

If you feel we are missing anything or would like to make suggestions on how we can improve the software, we would like to hear from you. Please feel free to contact either your local Agilent Medalist x6000 support representative or send an email to emt-hstd-support_americas@agilent.com

Highlights

As part of our continuing software enhancement and support service, Agilent Technologies is releasing this newly updated software to our valued customers. This is part of Agilent's software update service that provides additional value to the x6000 system by offering new or improved algorithms, new user interface capability, and correcting known software defects.

Added x-ray tube temperature logging in the xraySource.log file

The xraySource.log will have one extra parameter, the tube (gun) temperature in degrees Celsius. The value is the 10th parameter in the log file.

Profile Display for Capacitor

The Capacitor diagnostic profile will now be displayed twice. The first time it is displayed the pad region will appear with a cyan color. It will then display the same profile a 2nd time, with a blue region overlapping the cyan region, and the located edge (pink line) still visible. This will make viewing of threshold changes easier to visualize.

Issues Addressed by this Software Release

Problem	Production Tuning sends files to the input directory when the MRT option is disabled.
Resolution	The input directory will now only receive the files when both "Enable inspection result processing" and "Enable repair data transfer to Medalist Repair tools" is selected.

Problem	Screen does not refresh when a subtype is changed in Initial Tuning and then the user switches to Fine Tuning,
Resolution	Now there will be a trigger so that the changes in Initial Tuning will affect the screen update in Fine Tuning.

Problem	Exposed Pad Interactive Learning window does not open.
Resolution	The learning window will now appear when the user clicks on the option.

Problem	Pressfit – Barrel Slice Height tooltip description is incorrect.
Resolution	Changed the tooltip description to "Barrel Slice Height [percentage through hole, from insertion side]".

Problem	Rotating a component to an odd angle (non-orthogonal) can sometimes cause an internal error message to appear.
Resolution	Added a test to the Polarized Capacitor Measurement algorithm so that whenever pad #2's right side profile index is greater than pad #1's left side index, the values will be equalized to prevent an unintended swapping of the pins which was causing the internal error to appear.

Problem	Initial Tuning failed to update the Nominals for the Opaque Capacitor Measurement algorithm.
Resolution	Add in a new threshold to decide whether the user needs to update (learn) the Nominal Fillet Thickness for Opaque devices only, Clear devices only or both types of devices.