



Keysight i3070 Inline PLC Software Version 1.49j Release Note

Dear Customer,

Keysight Technologies is pleased to introduce the i3070 Inline PLC software version 1.49j (PLC 1.49j) for our existing i3070 Series 5 Inline (S5i) in-circuit testers. No pre-requisite is required to install this release.

The objective of the PLC 1.49j release is to improve the stability of the PLC software; the key enhancement is in tailgating board detection. With the additional hardware installed in Zone 1 of the Inline system coupled with this PLC release, any tailgated board will be detected to minimize damages due to operator negligence or upstream system faulty.

In addition, this release also improves safety usability by automatically disabling any buttons that control moveable parts in the system whenever any of the Zone 1 or Zone 2 doors are opened. User can now control the tower light through the testplan during Auto mode. Additional enhancements or fixes are listed in following page.

For more news and up-to-date information, please visit <http://www.keysight.com/find/i3070patches>

Sincerely yours,

A handwritten signature in black ink, appearing to read "Tian Chiok, Lian".

Tian Chiok, Lian
Product Marketing Manager
Keysight Technologies

What's New in PLC 1.49j release

1. Tailgate board detection in Zone 1
2. Resolved "Electronic door lock" that lock didn't open-up when error occur in "Auto mode".
3. Added Board Align and Board Orientation status check in "I/O Check".
4. Resolved occasional board jammed during Auto mode initialization.
5. Reduced frequency of "Auto-Width" initialization based on certain condition.
6. Separation of 'bottom jig unlock' and 'drawer up' movement into 2 dedicated actions in Maintenance Mode.
7. Removed caution message when jogging Press.
8. Auto-deactivation of all buttons like Go-Position and Change Jig when maintenance key is turned ON and door is opened.
9. Enabled both "retrieve" and "upper limit" positions to unlock fixture.
10. Standardized naming convention and buttons for ease of use.
11. Added Standby position in "Debug" mode
12. Ability to turn off the buzzer via testplan. (D3005, #5)
13. Renamed "Reset" button to "Clear Board"
14. Solved the "OK" no response after opening the DUT Access if no failed board was present in Zone 2.
15. Enhanced DUT Access "Lock/Unlock" button in "maintenance" mode – this is now only valid when Maintenance Key is On and invalid when Maintenance key is Off.
16. Enhanced "Fast" and "Slow" mode for Press Speed in Go-Position during Debug mode.
17. Removed DUT Access enabling/disabling in touch Panel DUT Access if present, must be enabled through hard-wiring PLC input 0.14 to "-ve".
18. Enabled Tower Light Control through testplan for Auto mode only.
 - D3010 #0204 Red On
 - D3010 #0205 Red Flash
 - D3010 #0203 Amber On
 - D3010 #0206 Amber Flash
 - D3010 #0207 Green On
 - D3010 #0208 Green Flash
19. For safety reason, "Auto" will be forced to "Stop" mode when Touch Panel "Production" mode is exited.

