



# Agilent Medalist i3070 08.21pa Software Patch

## Release Notes

**Software Release Date** : January 2012  
**System Requirements** : Agilent Medalist i3070 or test development PC  
**Controller Requirements**: Windows® PC  
**Operating System** : Microsoft Windows® 7  
**Software Requirement** : Agilent Medalist i3070 08.21p

The Agilent Medalist i3070 08.21pa software patch should only be installed on Microsoft Windows 7 systems with i3070 08.21p software release. It can be installed on systems with i3070 test system software or i3070 development software.

The 08.21pa software patch addresses the following change requests.

Change Request	Description
CR33602	Controllerloop causes measurement timeout in analog portion of mixed tests.
CR34175	DC capacitor test causes subsequent test with "ed" option to fail or time out.
CR34181	PushButton Debug window closes when marking a test as permanent.
CR34200	BT-Basic gives Internal Error -13 at "select boards on panel".
CR34227	Board Consultant should display more than five heterogeneous boards.
CR34228	Board setting allows IPG to write AC or DC mode capacitor test. (See <a href="#">"AC or DC Mode Capacitor Tests."</a> )
CR34231	Setup Editor cannot start up.
CR34239	Improve GUI file checking efficiency over the network.
CR34248	Testplan statements "itb\$" and "num" cause missing characters in the output display and in datalogging.
CR34258	ConnectCheck learned value not saved in PushButton Debug.

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<b>Change Request</b>	<b>Description</b>
Defect #72164	08.21p: Java error when executing IPG Test Consultant.
Defect #76256	08.21p: Inode link info broken when saving the test using the Debug Interface.

## **Installing the 08.21pa Software Patch**

This software patch must be installed using the administrator login (or a login with administrator privileges).

Follow these steps to install the 08.21pa software patch on Windows 7 systems running the Medalist i3070 08.21p software:

- 1** Save the **Agilenti3070\_0821pa.exe** file to your hard disk.
- 2** Close all open programs.
- 3** Double-click **Agilenti3070\_0821pa.exe**.
- 4** Follow the on-screen instructions for installation.
- 5** To validate that the software was installed correctly:
  - a** On the **Start** menu, select **Programs > Agilent ICT > Korn Shell**.
  - b** In the Korn Shell window, type `version` and press **Enter**.

The following software revision should be displayed:

**Agilent Medalist i3070 08.21pa 1011 WN**

## AC or DC Mode Capacitor Tests

The DC test method for capacitors can be enabled through the Global Options in the board file, using the statement **Large Capacitor DC Mode On**. IPG will write DC mode capacitor tests for capacitance value of 1000 uF or greater.

If the statement used is **Large Capacitor DC Mode Off** or if neither statement is present (the default), then IPG will generate AC mode capacitor tests, regardless of the capacitance value.

Global Options in Board File	Capacitance	IPG will generate:
Not specified	$\geq 1000$ uF	AC mode capacitor test
Large Capacitor DC Mode On	$\geq 1000$ uF	DC mode capacitor test
Large Capacitor DC Mode Off	$\geq 1000$ uF	AC mode capacitor test
Not specified	$< 1000$ uF	AC mode capacitor test
Large Capacitor DC Mode On	$< 1000$ uF	AC mode capacitor test
Large Capacitor DC Mode Off	$< 1000$ uF	AC mode capacitor test

### Note:

- The DC test method for capacitors can also be enabled through Board Consultant.
- Changing Large Capacitor DC Mode from **On** to **Off** in the IPG Global Options Form will remove the statement from the board file.
- Conversely, changing Large Capacitor DC Mode from **Off** to **On** will insert the statement into the board file.

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