Agilent Medalist i3070 08.20pe Software Patch

Release Notes

Software Release Date : December 2011
System Requirements : Agilent Medalist i3070 or test development PC
Controller Requirements : Windows® PC
Operating System : Microsoft Windows® XP
Software Requirement : Agilent Medalist i3070 08.20p

The Agilent Medalist i3070 08.20pe software patch should only be installed on Microsoft Windows systems with i3070 08.20p software release. It can be installed on systems with i3070 test system software or i3070 development software.

Please note the following:

- Installing 08.20pe on a controller with 08.20p will install 08.20pe including 08.20pb and 08.20pa.
  Uninstalling 08.20pe will bring the system back to 08.20p.

- Installing 08.20pe on a controller with 08.20pa will install 08.20pe, including 08.20pb.
  Uninstalling 08.20pe will bring the system back to 08.20pa.

- Installing 08.20pe on a controller with 08.20pb will install 08.20pe.
  Uninstalling 08.20pe will bring the system back to 08.20pb.

- Uninstalling 08.20p in all the above cases should automatically remove all the patches.

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The 08.20pe software patch addresses the change requests listed below; it also includes the 08.20pa and 08.20pb 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 "AC or DC Mode Capacitor Tests.)
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.

Installing the 08.20pe Software Patch

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

Follow these steps to install the 08.20pe software patch on Windows systems running the Medalist i3070 08.20p software:

1 Save the **Agilenti3070_0820pe.exe** file to your hard disk.

2 Close all open programs.

3 Double-click **Agilenti3070_0820pe.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 08.20pe 1110 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	≥ 1000 uF	AC mode capacitor test
Large Capacitor DC Mode On	≥ 1000 uF	DC mode capacitor test
Large Capacitor DC Mode Off	≥ 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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