



Medalist i3070 Series 5i Inline ICT System

Operator Guide

Notices

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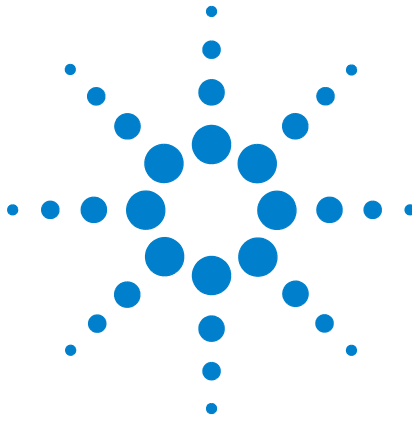
Safety Notices

CAUTION

A **CAUTION** notice denotes a hazard. It calls attention to an operating procedure, practice, or the like that, if not correctly performed or adhered to, could result in damage to the product or loss of important data. Do not proceed beyond a **CAUTION** notice until the indicated conditions are fully understood and met.

WARNING

A **WARNING** notice denotes a hazard. It calls attention to an operating procedure, practice, or the like that, if not correctly performed or adhered to, could result in personal injury or death. Do not proceed beyond a **WARNING** notice until the indicated conditions are fully understood and met.



Operator Guide





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Safety Information

Warning and Hazard Labels

Pay attention to the following labels when they appear on the equipment.

Table 1 Warning Labels on System

Label	Description
	DANGER: High Voltage Do not detach the protective covers. Operating this equipment without covers may cause electric shock.
	WARNING: Moving Parts (General) Do not touch the equipment while it is running. Keep clear of moving machinery.
	WARNING: Moving Parts (Hand) Do not touch the equipment while it is running. Keep hands clear of moving machinery.
	WARNING: Pinch Hazard Do not touch the equipment while it is running. Keep hands away from the indicated areas to avoid pinched fingers.

Emergency Stop



In case of emergency, press the red **Emergency Stop** switch ([Figure 1](#)) to cut off power to the system.

Resetting the Emergency Stop

- 1 Turn the red **Emergency Stop** switch clockwise to release it.
- 2 Press the **Reset** button to reset the safety relay and resume operation.

Overview of the System

Figure 1 Medalist i3070 Series 5i (Left-to-Right System)



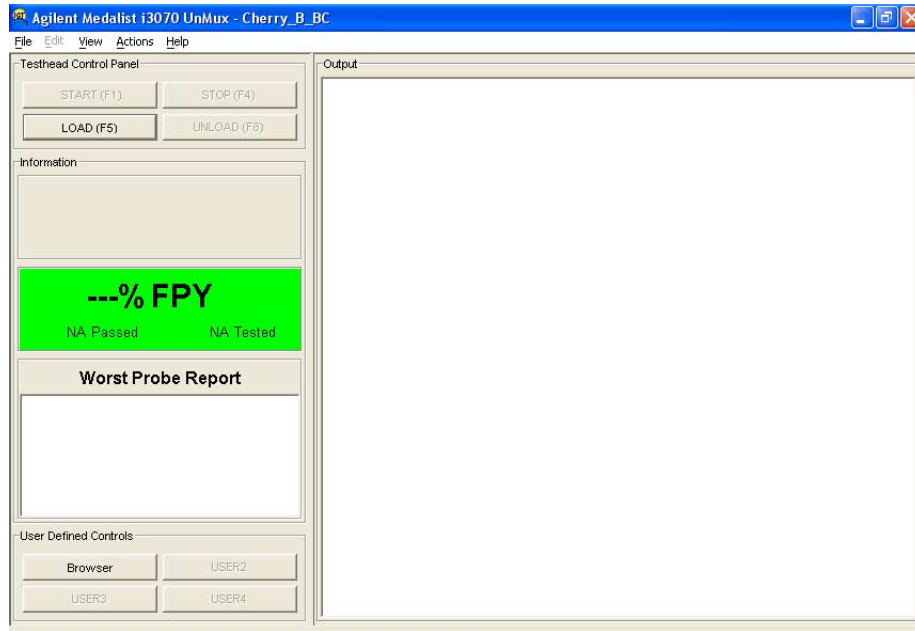
Tower Light

- Green** System is running in Auto Mode.
- Amber** System has stopped. There is no board available or the downstream machine is busy.
- Red** System has stopped. There is a defect or error that requires attention.

Logging In to the System

Log in to Windows with the user name and password provided by your administrator.

The Operator Interface starts automatically.



Logging Off

Before you log off, make sure you exit the Operator Interface.

- 1 From the **File** menu, select **Exit**.
- 2 In Windows, select **Start > Log off**.

Production Testing

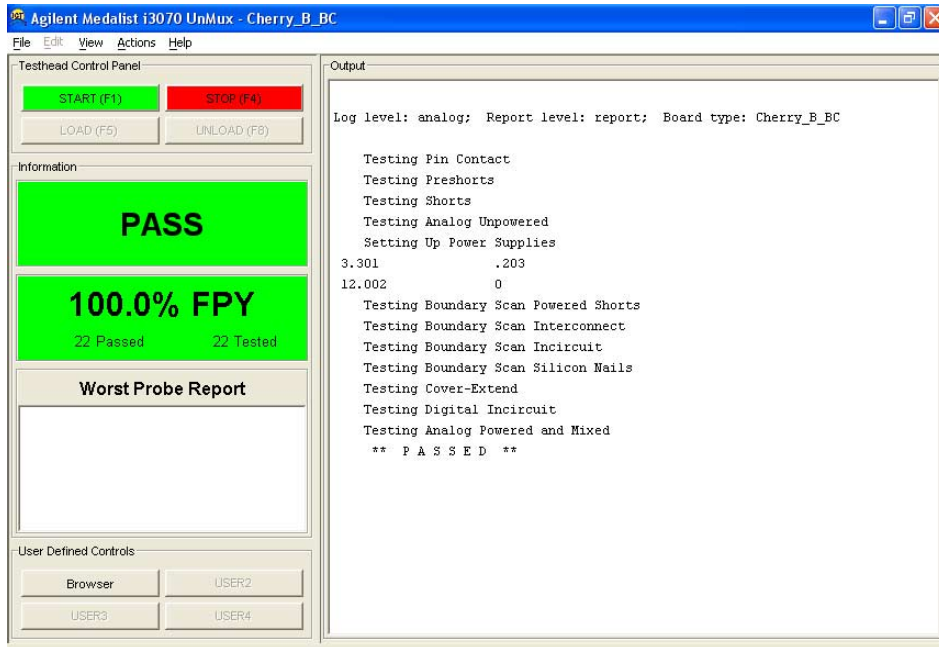
CAUTION

Wear an anti-static wrist strap at all times when handling PCBs which are susceptible to damage by electrostatic discharge. Connectors for the wrist strap are provided at the front of the system (see [Figure 1](#)).

- 1 From the Operator Interface, click **LOAD** to automatically load the testplan for the fixture in use.
- 2 Click **START** to run the testplan.

On the touch panel, Production mode is automatically set to **Auto** and the system is ready to receive a board and begin testing.

The **Output** area shows the details as the board tests are executed while the **Information** area provides a summary:



Stopping the testplan

Click **STOP** to stop running the testplan.

Optional DUT Access

The optional DUT Access feature pauses the system when a board fails, allowing the operator to remove the board.

A message will be displayed on the touch panel when a board fails.

- 1 Open the DUT Access window and remove the board from the Zone 2 conveyor.



- 2 Press **OK** on the touch panel.
- 3 Close the DUT Access window and press **OK** to lock it.
The system will automatically resume operation.

