Overview

This document provides instructions for running the BD Rhapsody™ Diagnostics Application Scanner software.

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Running the BD Rhapsody Diagnostics Application Scanner software

1. After starting BD Rhapsody™ Diagnostics Application Scanner software, click **Start Instrument Diagnostics**. The **Scan Flow Cell Cartridge** window appears and the tray is ejected.

2. Place a flow cell cartridge on the tray and in the **Scan Flow Cell Cartridge** window, click **Scan Barcode**. The barcode on the flow cell cartridge is scanned. The alphanumeric value of the barcode is displayed in the **Barcode** text box. The message **Barcode scanned** is also displayed.

3. Click **Motion Test**. The **Motion Test** window opens.
4  Click Test Drive. 
The message Test Drive complete opens.

5  Click Test Door. 
The message Door Test complete is displayed.
6 Click Eject Retract Test. The message Eject/Retract Test complete is displayed.

7 Click Global Fiducials Test. The Global Fiducials Test window opens.
8  Click **Run Global Fiducial Check**.  
The global fiducial found status message is shown.

![Global Fiducials Test](image)

9  Click **Remove Cartridge**.  
The **Remove Cartridge** window opens.

![Remove Cartridge](image)
10 Click Eject. The message **Tray is ejected** is displayed and the tray is ejected.

11 Remove the flow cell cartridge from the tray and in the **Remove Cartridge** window, click **Retract**. The message **Cartridge is removed** is displayed and the tray is retracted.

**NOTE** To retract the tray, you must remove the flow cell cartridge.
12 Click Camera Test.
The Camera Test window opens.

13 Click Check Illumination.
The value is displayed in the Illumination Value text box and the test result is displayed below.

14 Click Diagnostics Main Menu to go to the homepage and close the application.

15 To view the Diagnostics results, on your Scanner desktop, double-click Rhapsody Data and navigate to the Diagnostics folder.