

# Running BD Rhapsody<sup>™</sup> Diagnostics Application Scanner Software

**Protocol** 

8/2019

# **Overview**

This document provides instructions for running the BD Rhapsody<sup>™</sup> Diagnostics Application Scanner software.

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# **Running the BD Rhapsody Diagnostics Application Scanner software**

- 1 After starting BD Rhapsody<sup>™</sup> 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.

Representation			- 0 ×
😳 BD Scan	Flow Cell Cartridge		
Barcode 0109003003W	Scan Barcode		
Barcode scanned			
Diagnostics Main Menu			Motion Test
Status Ready	Stage Status: OK	Camera Status:	Enabled

3 Click Motion Test. The Motion Test window opens

Read Diagnostics Application	1		- 0	×
	<b>-</b> .			
BD Motion	lest			
Test Drive				
Test Door				
Eject Retract Test				
Scan Flow Cell Cartridge			Glob Fiducials	al Test
Status Ready	Stage Status: OK 🕒	Camera Status:	Enabled	

### 4 Click Test Drive.

The message **Test Drive complete** opens.

Test Drive	Test Drive complete	
Test Door		
Eject Retract Test		

## 5 Click Test Door.

The message Door Test complete is displayed.

🛃 Diagnostics Application			- 0 ×
Section 31 BD Motion	n Test		
Test Drive	Door Test complete		
Test Door			
Eject Retract Test			
Insert Cartridge Status Ready	Stage Status: OK	Camera Status:	Global Fiducials Test Enabled

6 Click Eject Retract Test.

The message Eject/Retract Test complete is displayed.

2 Diagnostics Application		-		×
BD Motion Test				
Eject/Retract Test complete				
Test Door	1			
Eject Retract Test				
Insert		G	ilobal	
Cartridge	Statue: Er	Fidu	cials T	est

## 7 Click Global Fiducials Test.

The Global Fiducials Test window opens.

	I I I I I I I I I I I I I I I I I I I			
🛃 Diagnostics Application			- 0	×
😮 BD	Global Fiducials Test			
Run Global Fiducial Check				
			Bomo	
Motion Test			Cartric	ige
Status Ready	😑 Stage Status: OK 🛛 🗧 🗧	Camera Status: Enab	led	

8 Click Run Global Fiducial Check. The global fiducial found status message is shown.

Diagnostics Application			- 0	×
😮 BD	Global Fiducials Test			
Run Global Fiducial Check				
5 global fiducial found	1			
Motion Test			Remove Cartridg	e e
😑 Status Ready	😑 Stage Status: OK 🛛 🧧 Camera Statu	s: Enabled		

9 Click Remove Cartridge.

The Remove Cartridge window opens.

🛃 Diagno	ostics Applicat	ion							- 0	×
	<b>()</b> E	BD	Remove	e Cartric	lge					
		Eject	Retract							
	Please	eject and remov	e cartridge							
Gle Fiduci	obal als Test							c	Camera 1	ſest
😑 Sta	tus Read	y		Stage Status:	ок		Camera Status:	Enabled	ł	

#### 10 Click Eject.

The message Tray is ejected is displayed and the tray is ejected.

🖷 Diagnos	tics Applicatio	n					-		×
	🙄 B	D	Remove Cartri	dge					
	E	ject	Retract						
	Tray is ej	ected							
Glo Fiducia	bal Is Test						Can	nera T	est
Stati	is Ready		Stage Status	C OK	•	Camera Status: E	nabled		

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.

🖳 Diagnosti	ics Application			-		×
	🙄 BD	Remove Cartridge				
	Eject	Retract				
	Cartridge is removed					
Glob	bal					
Fiducial	Is Test	Stane Status: OK	<ul> <li>Camera Stati</li> </ul>	Ca	imera 1	lest

#### 12 Click Camera Test. The Camera Test window opens.

Diagnostics Application		×
😮 BD	Camera Test	
Check Illumination	Illumination Value	
Remove Cartridge		Diagnostics Main Menu
Status Ready	Stage Status: OK	) Camera Status: Enabled

### **13** Click Check Illumination.

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

Diagnostics Application	a		- 0	х
🙄 B	D Camera Test			
Check	Illumination Value 117 1 Test Result: Pass, Illumination Power Value: 117			
Pamana			Diagnos	ico
Cartridge Status Ready	<ul> <li>Stage Status: OK</li> <li>Camera Status:</li> </ul>	Enabled	Main Me	nu

- 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.

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#### **Regulatory Information**

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

#### History

Revision	Date	Changes Made
23-21332-00	8/2019	Initial release

For Research Use Only

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