

NanoDrop Ultra Spectrophotometers and Fluorometers Pedestal image check

Materials needed

• Lint-free laboratory wipes

Pedestal image check procedure

- 1. From the home screen, select the **Diagnostics** icon **X**, followed by **Pedestal Image Check**.
- 2. Clean the upper and lower pedestals using a clean, dry laboratory wipe. Visually confirm that there is no cuvette in the cuvette well.
- 3. Select Measure to begin the measurement.
- 4. After measurement is complete the overall result of the Pedestal Image Check will be displayed on screen. Select **OK** or **Close** to see a more detailed summary of the results.
- 5. Select End Experiment when done.

Result Message		×
The insti	Pass rument is workin specifications.	ng within
	Close	

- 6. The experiment name can be changed at this time and up to five unique identifiers/tags can be added, once complete, select **Next**.
- 7. Results can be exported and printed at this time by selecting Continue or at a later time from the History.
 - After exporting or printing, select **OK** to go back to the Diagnostics screen.
- 8. If results do not need to be exported or printed, select **Finish** to return to the Diagnostics screen.
- 9. To review results from a previous Pedestal Image Check, select the **History** icon screen and locate the Pedestal Image Check results from the list of experiments.

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Interpreting the results

- 1. The overall result of the test will then be displayed at the top of the screen as a green "Pass" or red "Fail".
- 2. The screen will also display the parameters of the Pedestal Image Check including Empty column detection, Sharpness, Background exposure, Background quality, and Edge detection.
- 3. In the case of a failed Pedestal Image Check, immediately repeat the test ensuring that the image sensor is clean and not blocked. Rotating the instrument 90° or moving it away from a nearby window can also help. If the test fails again, contact NanoDrop Technical Support (nanodrop@thermofisher.com) or your local distributor.

Pedestal Image Check Pass			
	ttem Empty column detection	Value Acceptar Pass Pas	nce limits i s
	Sharpness	16.14 >5	
	Background exposure	142.00 80 -	
	Background quality	4.40 <9.0	00
	Edge detection		
► Measure		End Exp	eriment

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