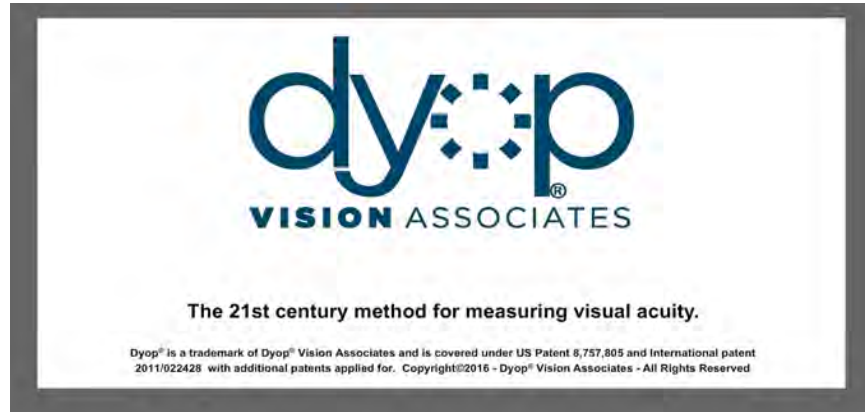
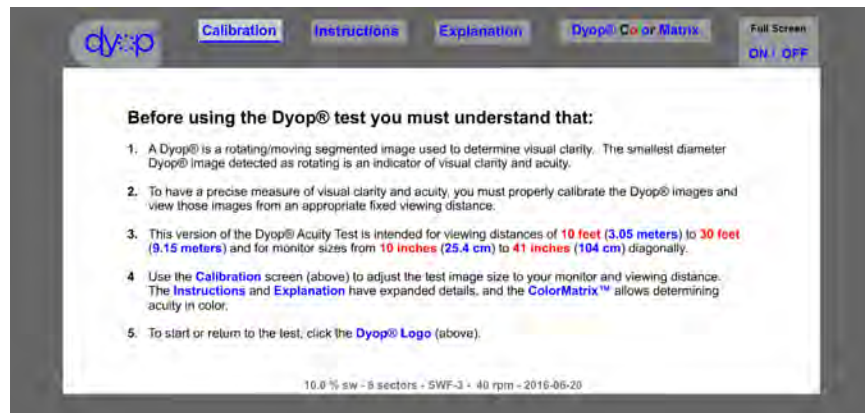


Welcome to 21st Century Visual Clarity Measurement



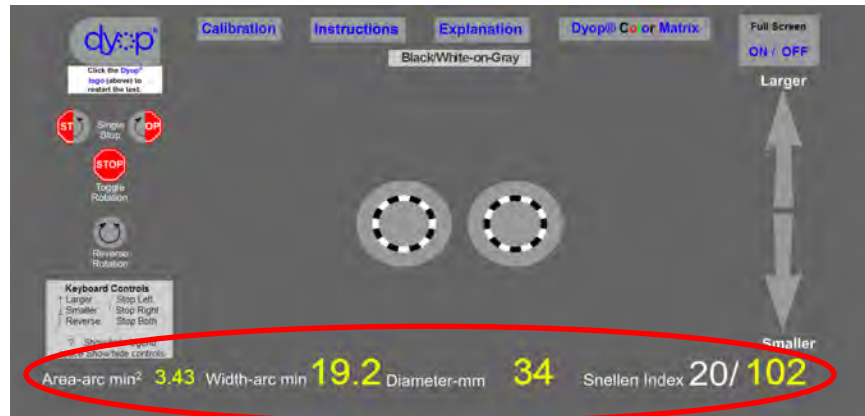
Introduction

The methodology for the Dyop® test requires that the optotypes be properly calibrated for the monitor and viewing distance.



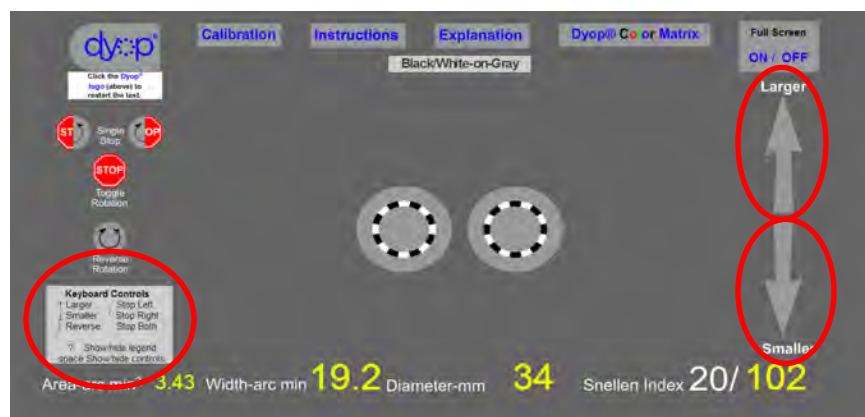
Snellen and Dyop® Index values

Both Snellen and Dyop® arc width and diameter are automatically presented. Dyop® Arc Width and Dyop® Stimulus Area (MAR) values are also displayed.



Reduce the Dyop® diameter

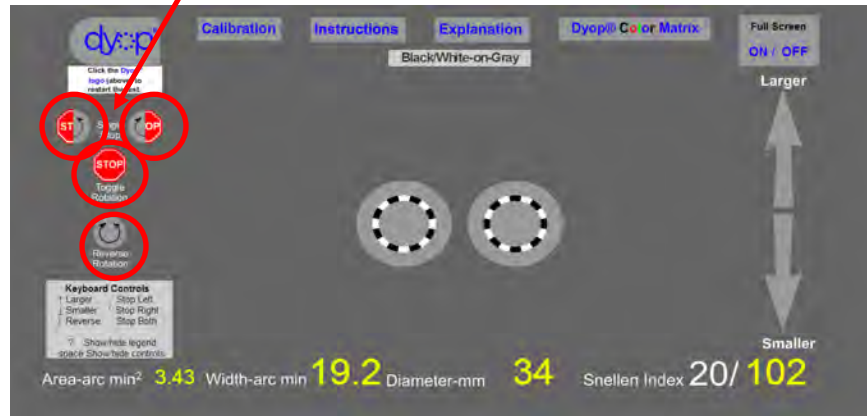
Use the Mouse Scroll Wheel or screen Up/Down arrows or Keyboard Arrows to reduce the Dyop® image diameters. Use the ; , / Keyboard keys to control the image rotation.



Screen Buttons

Test for "false positives" using the Reverse Rotation, Stop-toggle, and Single Stop buttons.

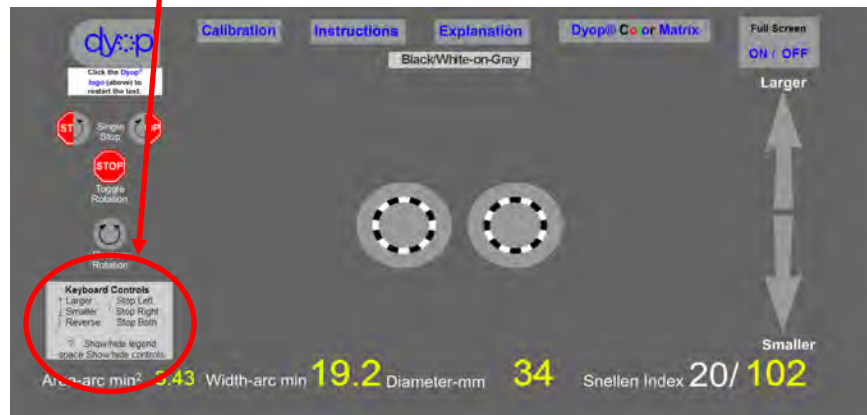
Screen Control Buttons



Keyboard Keys

Test for "false positives" using the Reverse Rotation, Stop-toggle, and Single Stop Keys.

Keyboard Control Guide



Color/Contrast and Full Screen

The color/contrast is always displayed. Full Screen is an On/Off toggle.

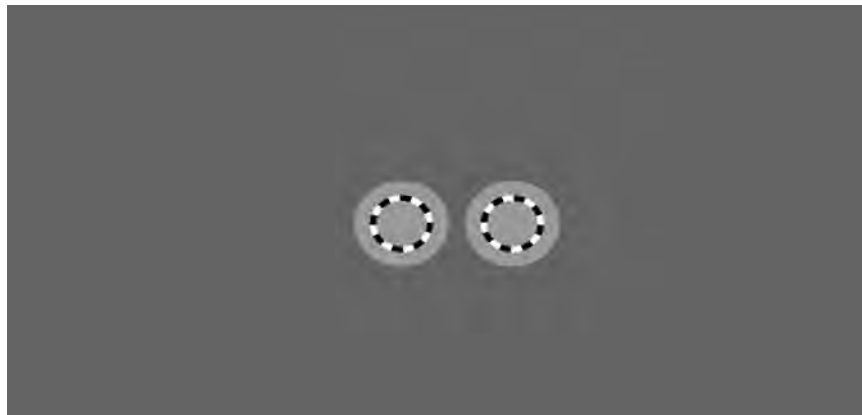
Color/combination text

Full Screen toggle



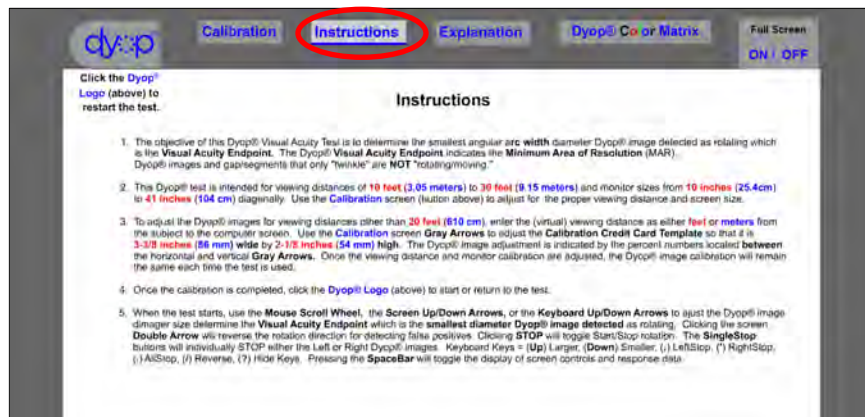
Minimalist Display

Pressing the Space Bar toggles the display of the screen controls and image size information



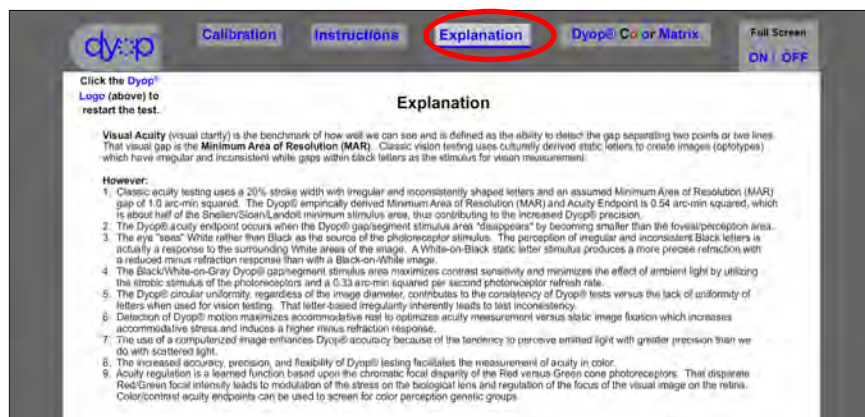
Instructions Panel

Dyop® accuracy and precision can be calibrated for almost any computer monitor and viewing distance.



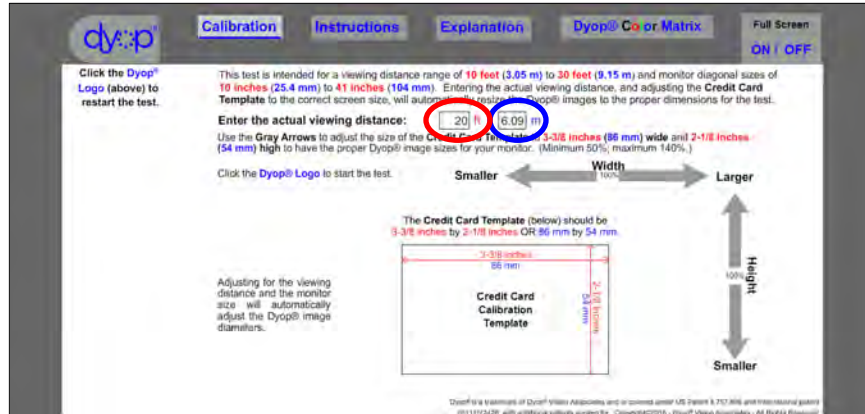
Explanation Panel

The technology of Dyop® acuity measurement was not available in 1862. Dyop® testing measures photoreceptor responses in Black/White and in color.



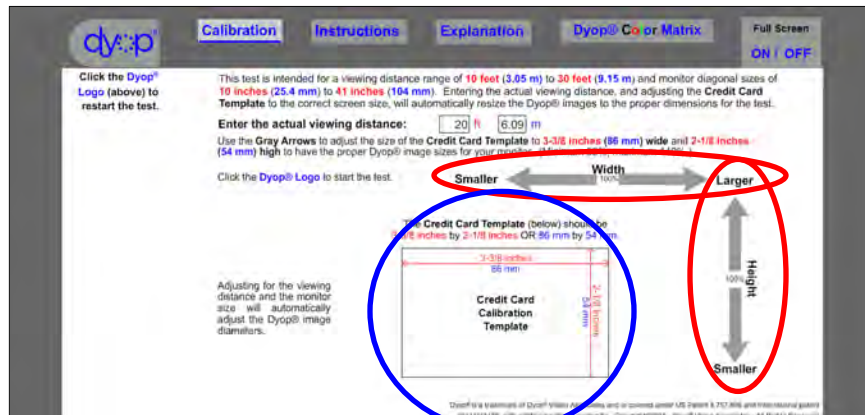
Adjust for the viewing distance

Enter the viewing distance as either feet or meters.
Once determined, the distance adjustment will be maintained by the browser.



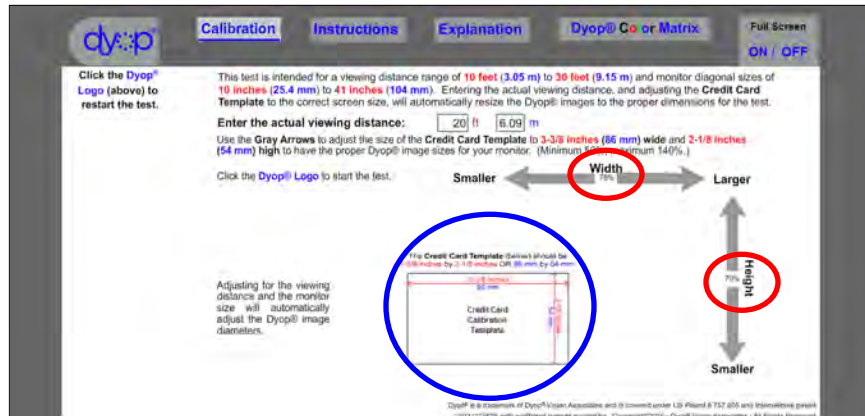
Adjust for the Monitor Size

Use the **Gray Arrows** to adjust the size of the **Credit Card Template** to **3-3/8 inches (86 mm) wide** and **2-1/8 inches (54 mm) high** to have the proper Dyop® image sizes for your monitor..



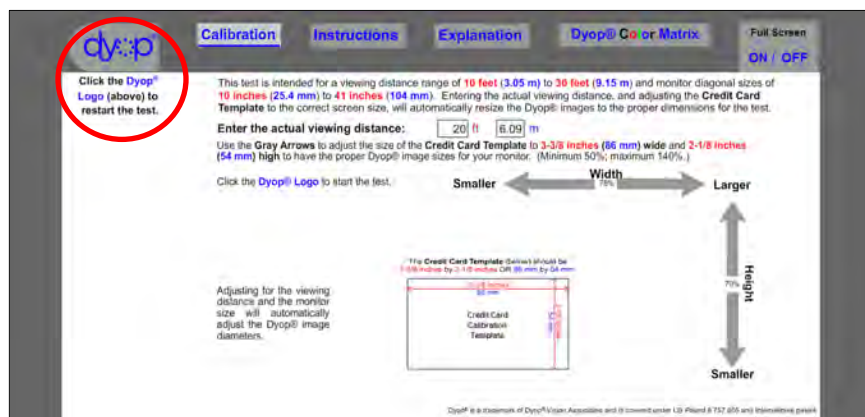
Adjust for the Monitor Size

Once determined, the precise monitor percent adjustment image size will be maintained by the browser.



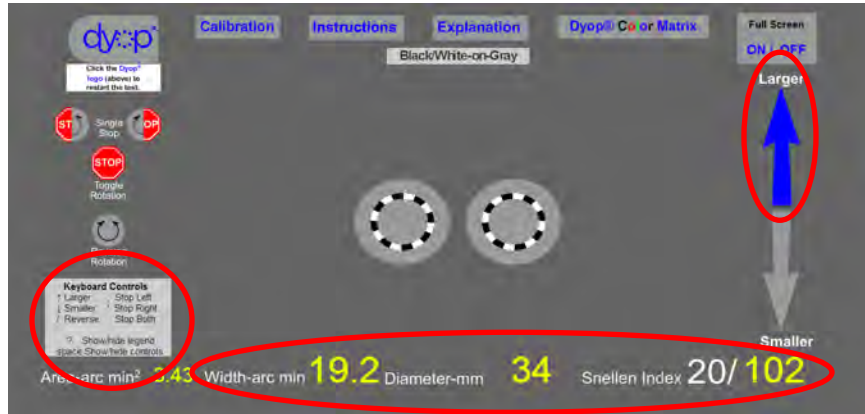
Click the Dyop® logo to Start

After determining the proper calibration, click the Dyop® Logo to start the test. The monitor calibration and viewing distance will be remembered by your browser.



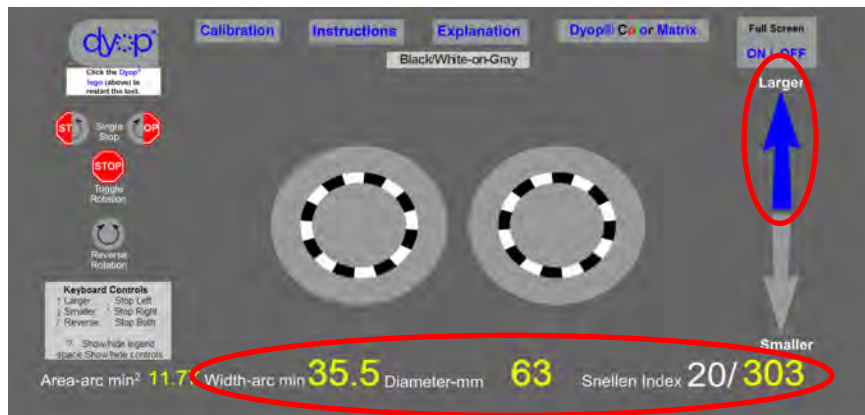
Use the Mouse Scroll Wheel

The screen **UP/Down Arrows** change the Dyop® image diameter angular arc width.
You can also use the **Keyboard Arrows** and ; , / keys to control the image size and rotation.



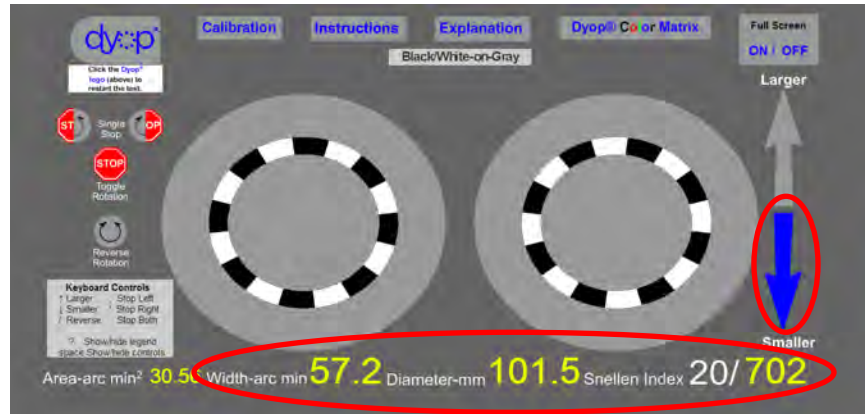
Use the Mouse Scroll Wheel

The **UP Arrow** increases the Dyop® image diameter angular arc width.
You can also use the **Keyboard Arrows** and ; , / keys to control the image size and rotation.



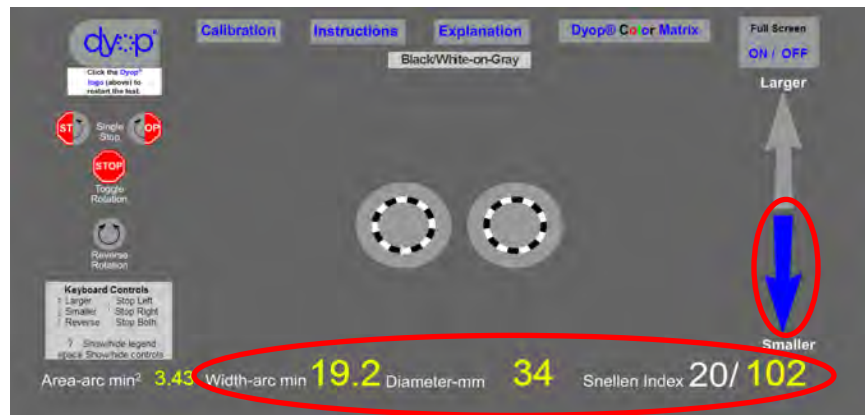
Use the Mouse Scroll Wheel

The **DOWN Arrow** decreases the Dyop® image diameter angular arc width
You can also use the **Keyboard Arrows** and ; ' / keys to control the image size and rotation.



Use the Mouse Scroll Wheel

The **DOWN Arrow** decreases the Dyop® image diameter angular arc width
You can also use the **Keyboard Arrows** and ; ' / keys to control the image size and rotation.



Use the Mouse Scroll Wheel

The **DOWN Arrow** decreases the Dyop® image diameter angular arc width
You can also use the **Keyboard Arrows** and ; ' / keys to control the image size and rotation.



Use the Mouse Scroll Wheel

The **DOWN Arrow** decreases the Dyop® image diameter angular arc width
You can also use the **Keyboard Arrows** and ; ' / keys to control the image size and rotation.



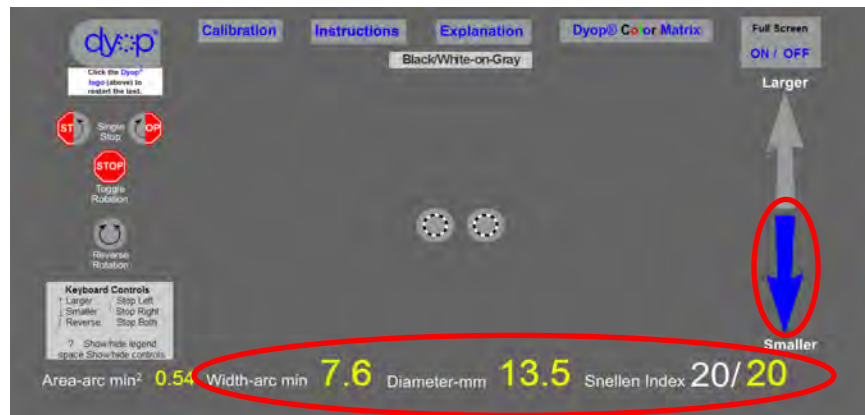
Use the Mouse Scroll Wheel

The **DOWN Arrow** decreases the Dyop® image diameter angular arc width
You can also use the **Keyboard Arrows** and ; ' / keys to control the image size and rotation.



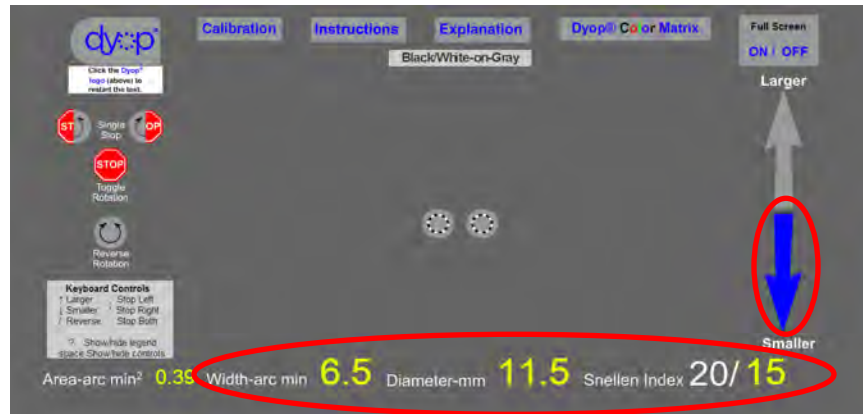
Use the Mouse Scroll Wheel

The **DOWN Arrow** decreases the Dyop® image diameter angular arc width
You can also use the **Keyboard Arrows** and ; ' / keys to control the image size and rotation.



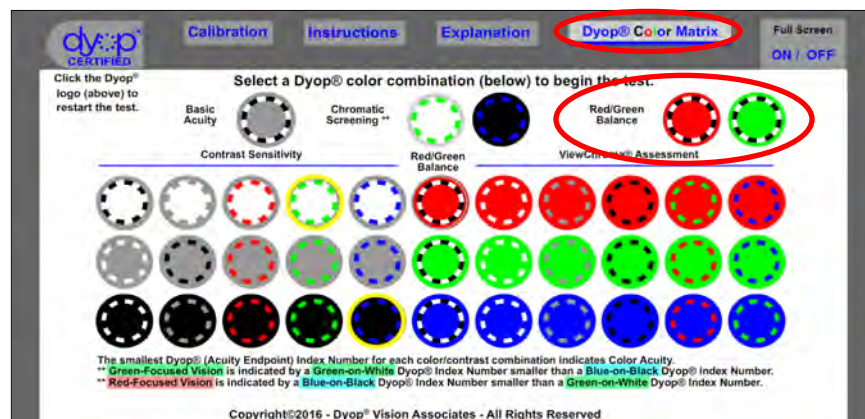
Use the Mouse Scroll Wheel

The **DOWN Arrow** decreases the Dyop® image diameter angular arc width
You can also use the **Keyboard Arrows** and ; . / keys to control the image size and rotation.



ColorMatrix™ Menu

Select the color/combination for additional testing.



Red/Green Balance

Black/White-on-Red versus Black/White-on-Green.

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Color Focus Group Screening

Green-on-White versus Blue-on-Black color group screening.

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Black/White-on-Gray contrast sensitivity

Compares to classic Snellen/Sloan/Landolt acuity.

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Black-on-White contrast sensitivity

Compares to classic Snellen/Sloan/Landolt acuity.

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White-on-Gray contrast sensitivity

Select the color/combination for additional testing.

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White-on-Black contrast sensitivity

Select the color/combination for additional testing.

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Black-on-Gray contrast sensitivity

Select the color/combination for additional testing.



Gray-on-Black contrast sensitivity

Select the color/combination for additional testing.



Gray-on-White contrast sensitivity

Select the color/combination for additional testing.



Red-on-White contrast sensitivity

Select the color/combination for additional testing.



Green-on-White contrast sensitivity

Select the color/combination for additional testing.



Blue-on-White contrast sensitivity

Select the color/combination for additional testing.



Red-on-Gray contrast sensitivity

Select the color/combination for additional testing.

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Green-on-Gray contrast sensitivity

Select the color/combination for additional testing.

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Blue-on-Gray contrast sensitivity

Select the color/combination for additional testing.

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Red-on-Black contrast sensitivity

Select the color/combination for additional testing.

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Green-on-Black contrast sensitivity

Select the color/combination for additional testing.

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Blue-on-Black contrast sensitivity

Select the color/combination for additional testing.

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Black/White-on-Red contrast sensitivity

Select the color/combination for additional testing.



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White-on-Red contrast sensitivity

Select the color/combination for additional testing.



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Gray-on-Red contrast sensitivity

Select the color/combination for additional testing.



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Black-on-Red contrast sensitivity

Select the color/combination for additional testing.



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Green-on-Red contrast sensitivity

Select the color/combination for additional testing.



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Blue-on-Red contrast sensitivity

Select the color/combination for additional testing.



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Black/White-on-Green contrast sensitivity

Select the color/combination for additional testing.



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White-on-Green contrast sensitivity

Select the color/combination for additional testing.



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Gray-on-Green contrast sensitivity

Select the color/combination for additional testing.



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Black-on-Green contrast sensitivity

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Red-on-Green contrast sensitivity

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Blue-on-Green contrast sensitivity

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Black/White-on-Blue contrast sensitivity

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White-on-Blue contrast sensitivity

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Gray-on-Blue contrast sensitivity

Select the color/combination for additional testing.

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Black-on-Blue contrast sensitivity

Select the color/combination for additional testing.

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Red-on-Blue contrast sensitivity

Select the color/combination for additional testing.

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Green-on-Blue contrast sensitivity

Select the color/combination for additional testing.

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