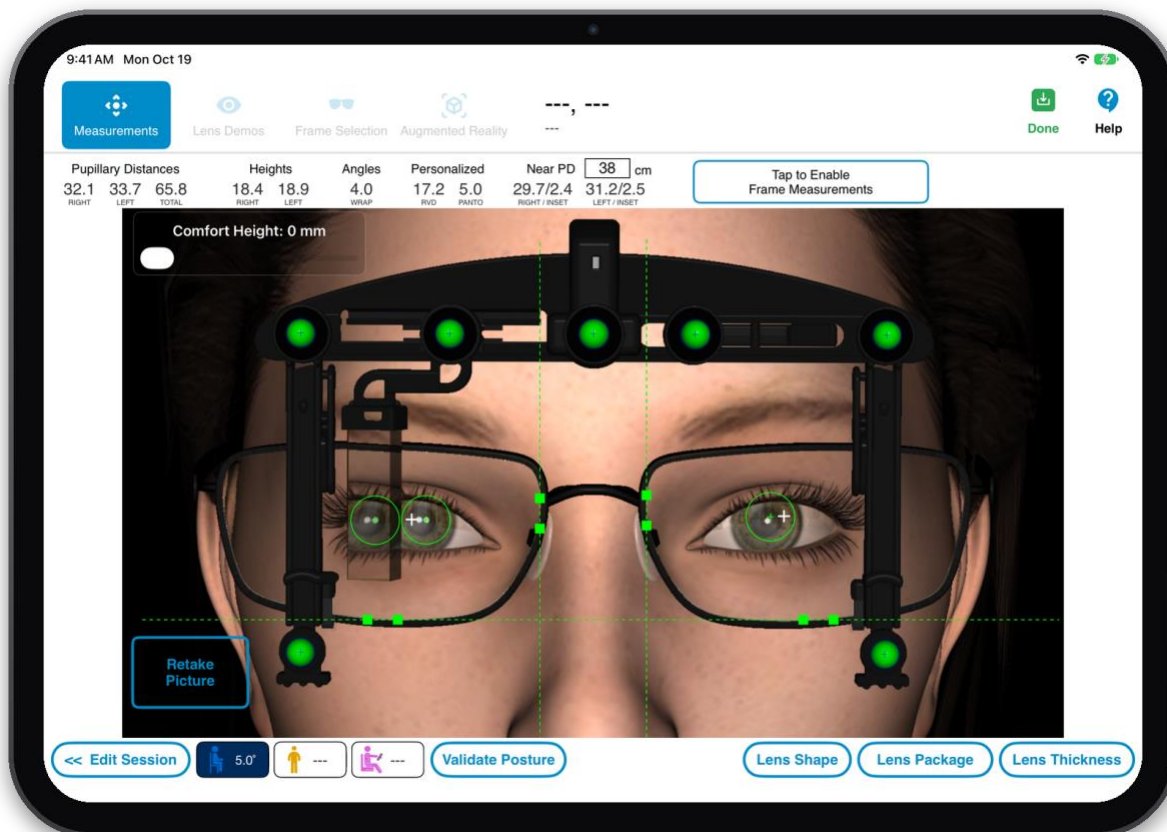




OPTIKAMPAD USER MANUAL

OPTIKAMPAD INTERFACE

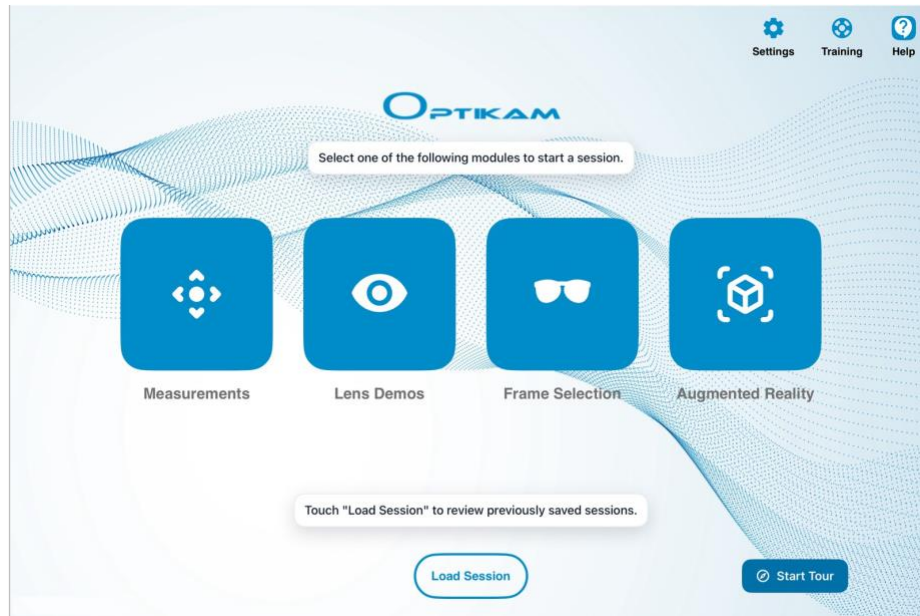
The OptikamPad is your unique dispensing tool that helps in all aspects of the eyewear dispensing process.

When you launch the app, the Home screen shows the modules that are available on your OptikamPad: Measurements, Lens Demos, Frame Selection and Augmented Reality. Tap a module to start a session in it. Once in a session, you can switch to any other module without returning to the Home screen by tapping the module buttons in the top-left corner of the screen.



In the top-right corner of the Home screen, Settings changes the software's settings, Training opens training videos, guides and practice sessions, and Help shows tips for the current screen. At the bottom of the screen, Load Session displays a list of previously saved sessions. Your Optikam Cloud username is displayed in the bottom-left corner of the screen.

Tap Help on any screen for tips: short explanations appear next to the main controls. On the Home screen, Help also shows a Start Tour button that starts the Guided Tour.

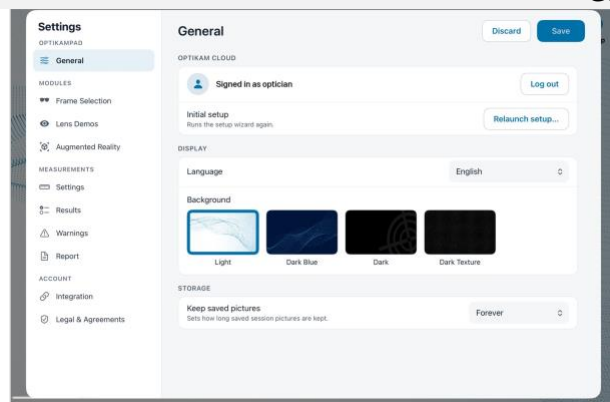


To finish a session, tap Done in the top-right corner. OptikamPad asks whether to save or discard the session (see Saving and Loading Sessions).

OPTIKAMPAD SETTINGS

The Settings panel allows you to customize OptikamPad to fit your dispensing style. Tap Settings on the Home screen, then choose a page in the sidebar. Tap Save to keep your changes or Discard to cancel them. Settings managed by your organization show a lock icon and cannot be changed on the iPad. The following table provides an overview of the settings.

General



Optikam Cloud: Shows the account this iPad is signed in to. Log in (or Log out) to customize your OptikamPad experience and take advantage of Optikam cloud services.

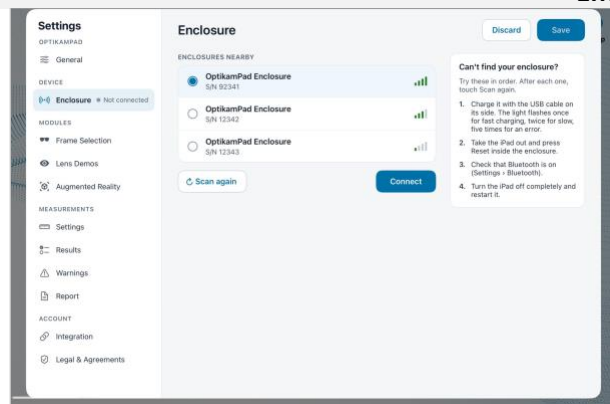
Initial setup: Relaunch setup... runs the setup wizard again. You will be signed out.

Language: Changes the language used.

Background: Sets the app background: Light, Dark Blue, Dark or Dark Texture. The app restarts when you save a new language or background.

Keep saved pictures: Selects how long saved session pictures remain on the iPad before being purged (Default: Forever).

Enclosure



Shown on iPads that use the Optikam flash enclosure.

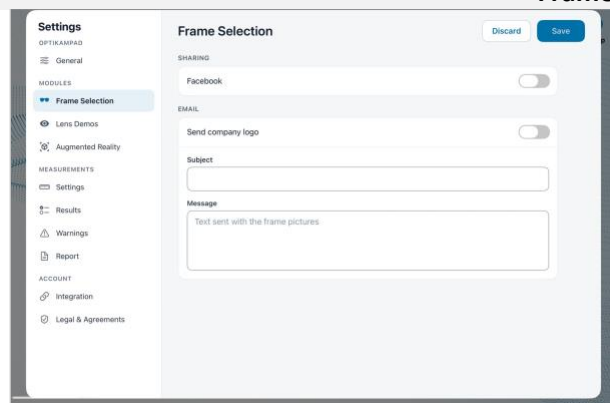
Enclosures nearby: Lists the enclosures in range with their serial number (S/N). Tap Scan again to refresh the list.

Connect: Connects to the enclosure selected in the list. Confirm that the serial number shown matches the one inside the enclosure.

Disconnect: Disconnects from the enclosure.

Troubleshooting: The gear next to the connected enclosure opens troubleshooting settings. If an issue occurs, follow the on-screen instructions under Can't find your enclosure?

Frame Selection

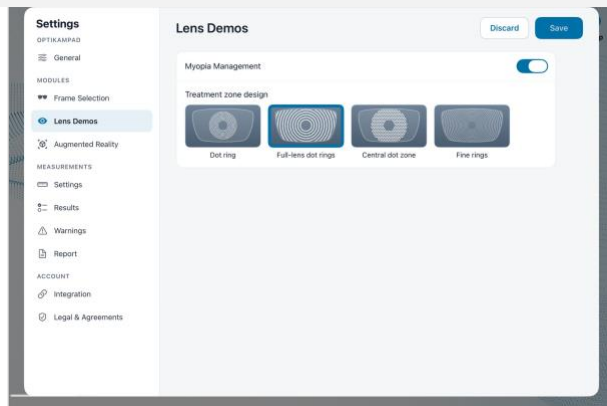


Facebook: Enables sharing frame selection pictures on Facebook.

Send company logo: Includes your company logo in emailed frame selection pictures.

Subject and Message: The subject and message of the frame selection emails sent to your customer.

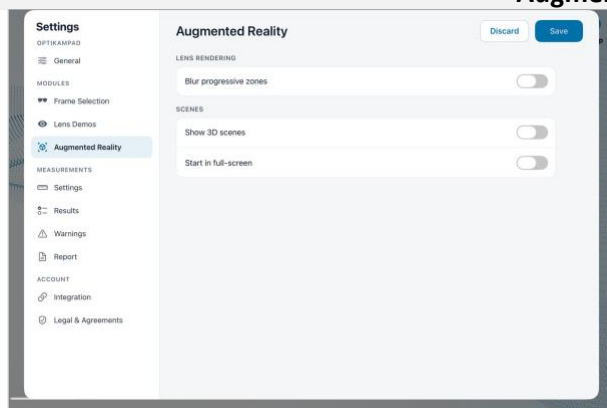
Lens Demos



Myopia Management: Shows or hides the Myopia Management demo.

Treatment zone design: Selects the treatment zone shown in the Myopia Management demo: Dot ring, Full-lens dot rings, Central dot zone or Fine rings.

Augmented Reality

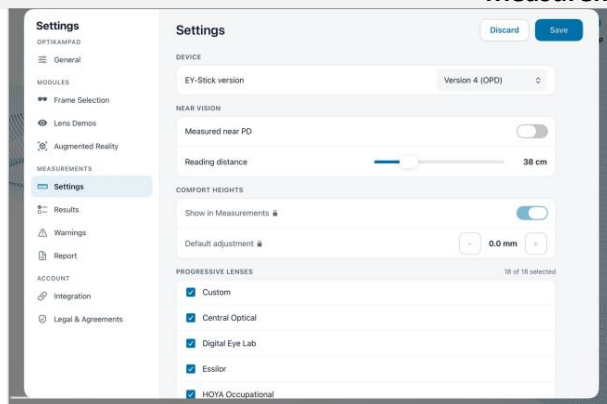


Blur progressive zones: Simulates the progressive lens clear and blurred zones based on iPad tilt. See Blur Simulation in the Augmented Reality section.

Show 3D scenes: Adds a list of pre-loaded 3D scenes to the Augmented Reality module.

Start in full-screen: Opens the Augmented Reality module in full-screen mode.

Measurements: Settings



EY-Stick version: Selects the device used with OptikamPad: Version 4 (OPD) (Default) or Version 3 (EY-Stick).

Measured near PD: Enables measuring near PD with a second picture. When off, near PD is calculated from the reading distance.

Reading distance: [30 – 65 cm, Default: 40 cm] Reading distance used to calculate near PD.

Comfort heights: Show in Measurements shows the Comfort Height slider on the results screen. Default adjustment [0 – 3 mm, Default: 0 mm] is the automatic drop in height from the pupil center.

Progressive lenses: Selects the manufacturer progressive lens lists available in the Lens Package overlay.

Measurements: Results

Frame measurements required: Turns on frame measurements for every session.

Minimum blank size: Shows the minimum blank size (MBS) instead of the effective diameter (ED).

ERCd: Displays ERCd instead of RVD by default. The result can be toggled between ERCd and RVD by tapping on it.

Binocular heights: Calculates the left and right heights the same.

Binocular bifocal PDs and **Binocular bifocal heights:** Calculate the left and right PDs or heights the same for bifocal lenses.

Measurements: Warnings

Measurement warnings: Turns all measurement warnings on or off. Each warning can also be turned off on its own.

Clearance: [0 – 10 mm, Default: 10 mm] Pupil to top of the lens clearance warning limit.

Height difference: [0 – 4 mm, Default: 2.5 mm] Height left to height right difference warning limit.

PD difference: [0 – 4 mm, Default: 2.5 mm] PD left to PD right difference warning limit.

High pantoscopic tilt: [12 – 30°, Default: 14°] High pantoscopic tilt warning limit.

Low corridor and **High corridor:** Corridor length warning limits, shown when Measured near PD is on.

Measurements: Report

Configures the Measurement Report PDF that can be generated when saving a measurement session. A preview is shown on the right.

Company name: Your company name, printed on the report.

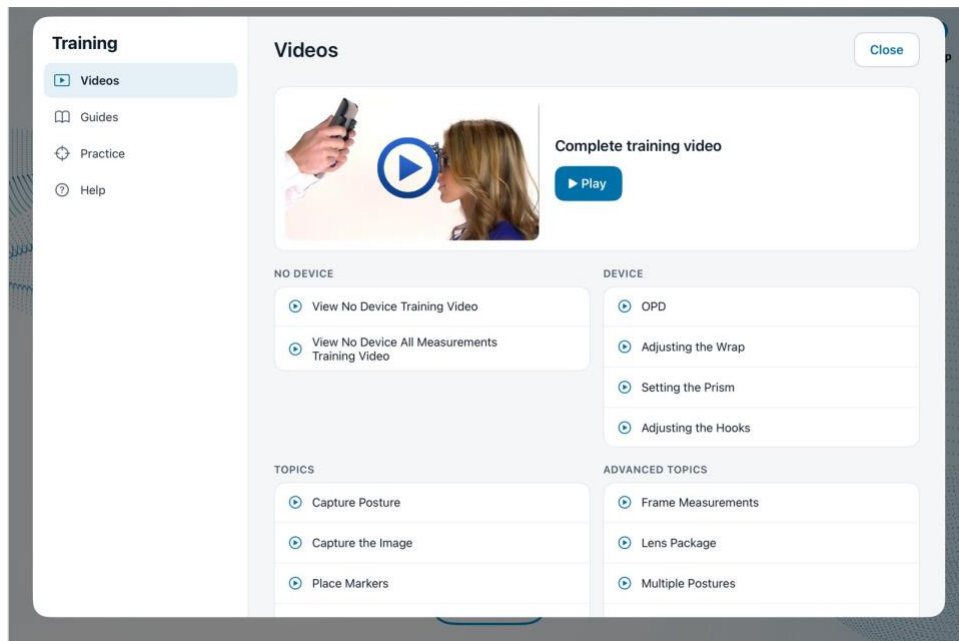
Print picture: When enabled, the patient's picture is included in the Measurement Report PDF.

Print barcode: When enabled, a barcode containing the patient's measurements is included in the Measurement Report PDF.

OPTIKAMPAD TRAINING

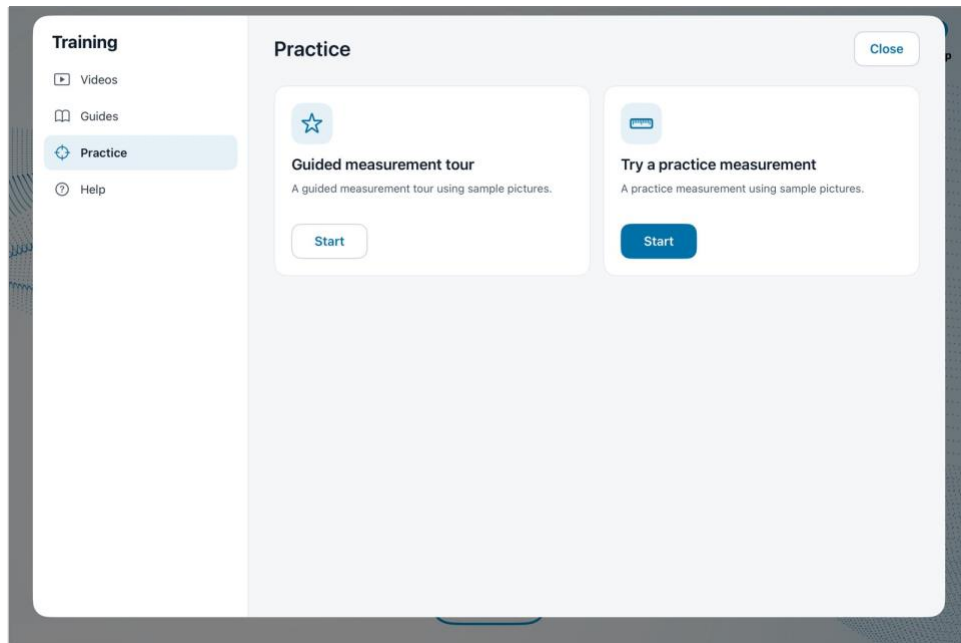
Tap Training on the Home screen to open the Training panel. It brings training videos, guides and practice together in one place.

Videos: The complete training video and short videos on each topic, such as the OPD, adjusting the wrap, setting the prism and adjusting the hooks, capturing the posture and the image, placing markers, frame measurements, lens packages, multiple postures and No Device measurements.

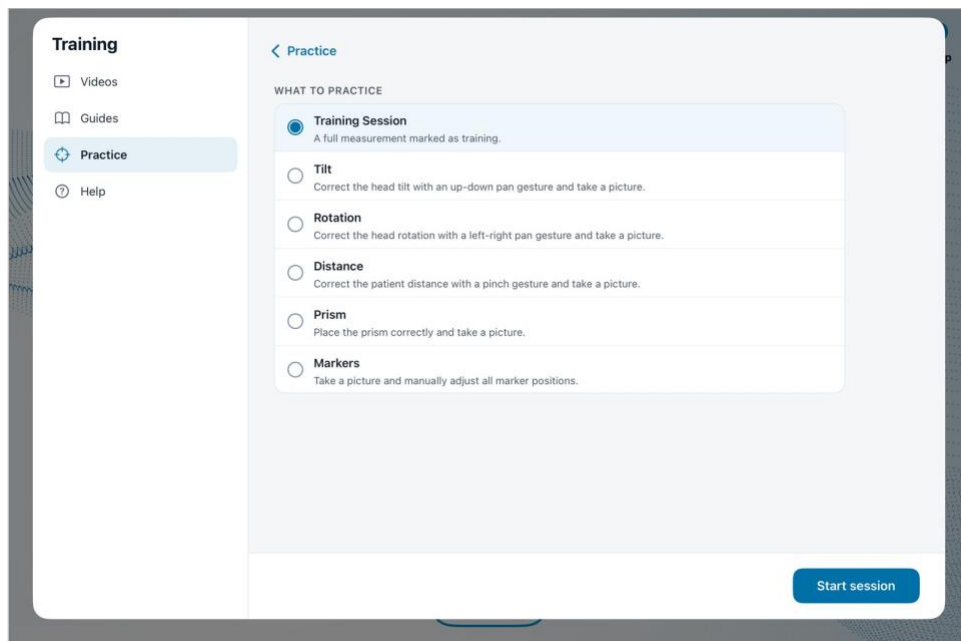


Guides: Documents such as this user manual, the Measurement Reference Guide, Measurement Troubleshooting and the Getting Started Guide, opened in a built-in reader. An internet connection is required.

Practice: Guided measurement tour starts a coached practice measurement with a tip at each step. Try a practice measurement lets you practice taking a measurement picture on a 3D patient.



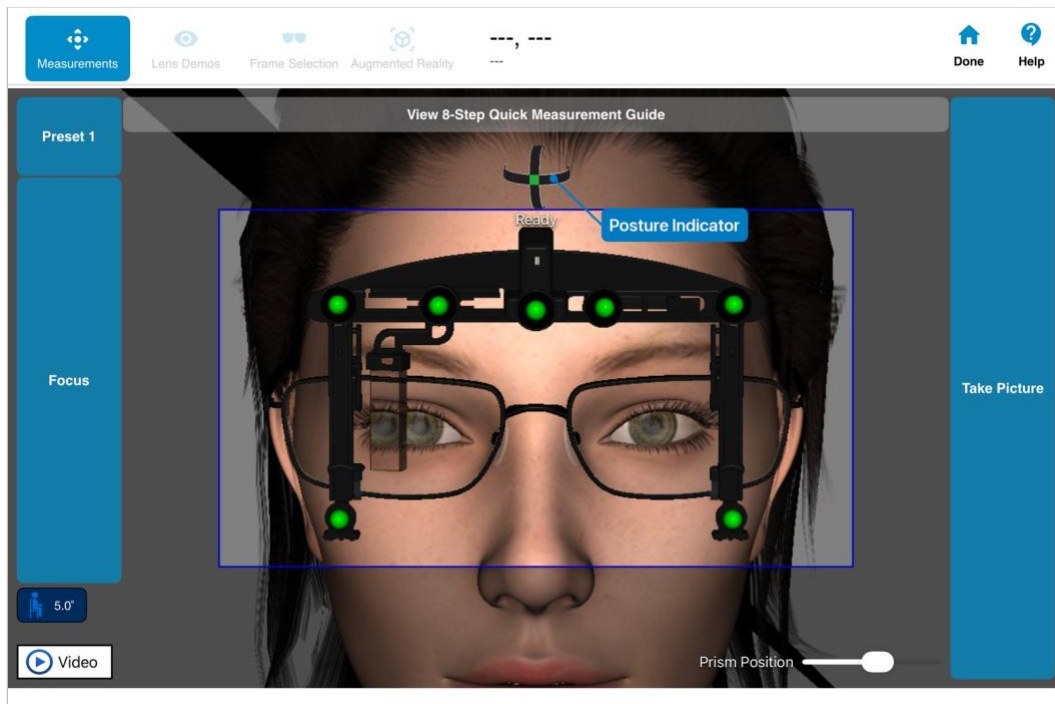
After tapping Start under Try a practice measurement, choose what to practice: a full Training Session, or a single skill: Tilt, Rotation, Distance, Prism or Markers. Tap Start session, then choose the frame type and the lens type as for a real measurement. Practice sessions can be saved as training sessions and reviewed later by a manager.



Help: Start tour starts the Guided Tour.

In a practice session, drag on the 3D patient to simulate moving the iPad: drag left or right to turn the patient's head, drag up or down to tilt it, and pinch to change the distance. You will notice that the Posture Indicator (highlighted below) changes while you are dragging.

This lets you quickly learn how to use the Posture Indicator to eliminate head rotation and tilt before taking a picture. Use the Prism Position slider to practice placing the prism.

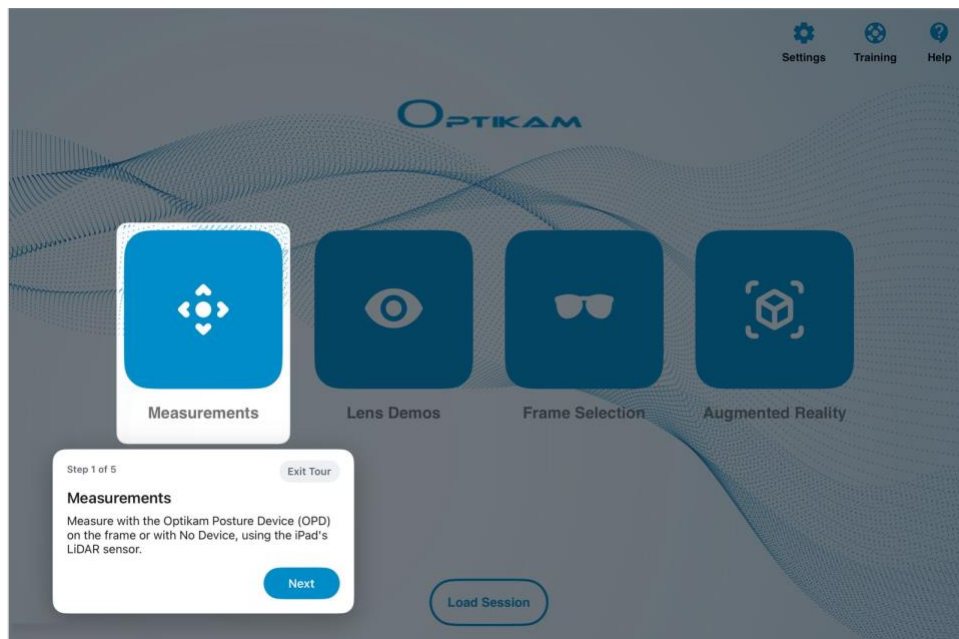


GUIDED TOUR

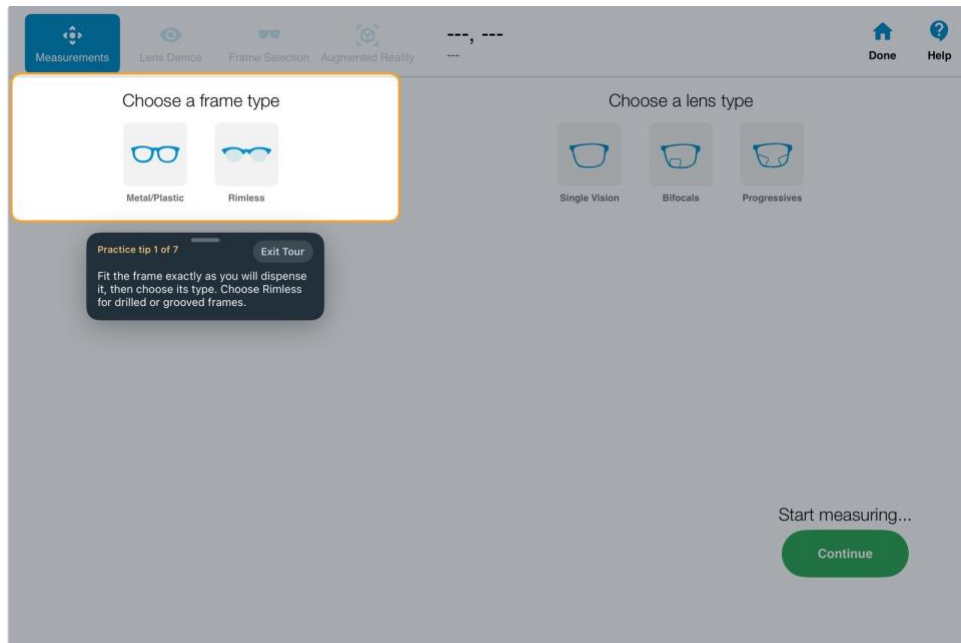
The Guided Tour introduces the main tools of OptikamPad, including a practice measurement. When OptikamPad is first installed, the Home screen asks New to OptikamPad?: tap Start Tour to begin, or Not now to skip it. You can start the tour at any time from Training › Help › Start tour, or with the Start Tour button shown on the Home screen when Help is on.

The tour has three parts:

- **Home screen:** five cards introduce Measurements, Lens Demos, Frame Selection, Augmented Reality and Load Session. Tap Next and Back to move between them.
- **Practice measurement:** a coached measurement on a 3D patient, with a practice tip at each step, from choosing the frame and lens type to saving the session.
- **Module guides:** short tips the first time you open Lens Demos, Frame Selection, Augmented Reality and Load Session.



During the practice measurement, each tip appears next to the control it describes:



Tap Exit Tour on any card to leave the tour; you can restart it at any time from the Training panel. At the end of the tour, OptikamPad reminds you that Help shows tips on any screen and that the Training panel has videos and practice sessions.

Outside the tour, the first time you open a module OptikamPad asks First time in ...?: tap Show me around to see its guide, or Dismiss.

Tip: practice on a colleague before measuring customers.



MEASUREMENTS

From ONE picture taken with the OPD, OptikamPad can obtain the following measurements:

Monocular Pupillary Distance (PD)

Fitting heights (seg heights)

Near PD and reading distance

A, B, ED and DBL values

Vertex Distance (RVD or ERCd)

Wrap (face form tilt)

Pantoscopic Tilt (panto)

Minimum blank size (MBS)

AS-WORN MEASUREMENTS

The OptikamPad software will produce “as-worn” measurements. These “as-worn” measurements take monocular PDs more accurately by taking into account how the frame sits on the customer’s face. This is in contrast with the pupillometer, which captures PDs anatomically and does not take into account frame fit and nose-pad adjustments.

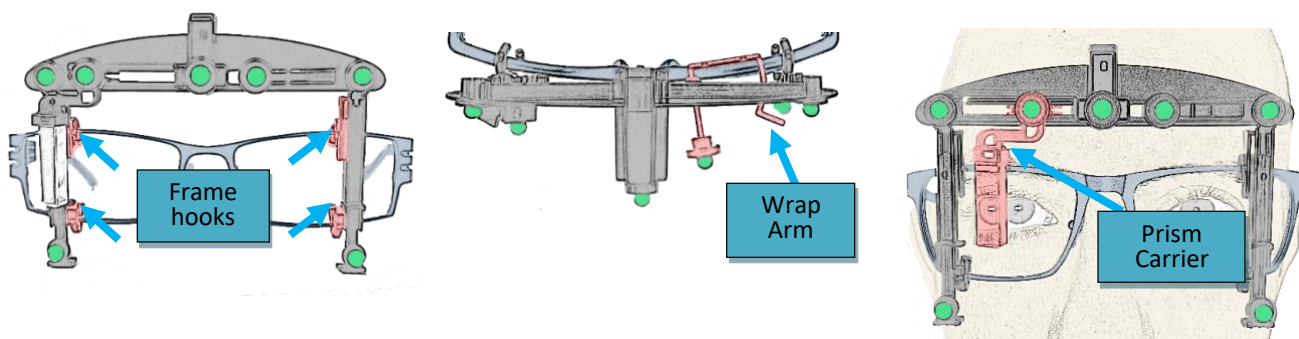
Optikam’s OPD also measures “as-worn” seg. height measurements through its unique way of capturing the patient’s natural posture. By means of the electronic sensors in the OPD, the optician can very quickly capture the patient’s natural head posture without being at the same eye level as the patient. This enables an optician of any height to properly and accurately measure patients of varying heights. In fact, the patient can even be sitting while the optician is standing when taking the picture.

OPD

The OPD is the device used to capture all the advanced optical eyewear measurements using one single frontal image. The OPD captures personalized frame fit measurements, taking into account how the frame sits on a person’s face.

It is critical to properly fit the frame in the way it would be dispensed prior to performing the measurement with the OPD.

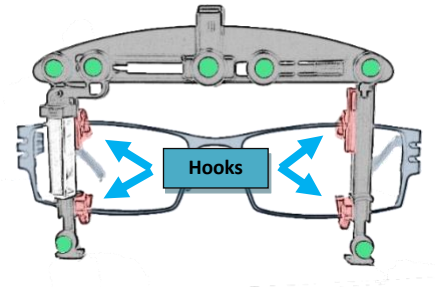
The OPD consists of 3 main elements:



Placing the OPD on Frame

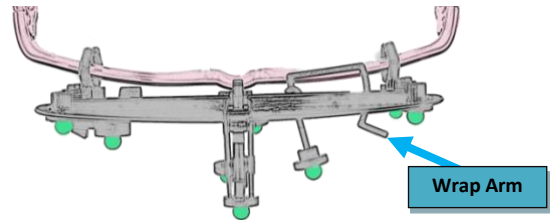
Place the OPD top hooks on the top of the frame and adjust the bottom legs by sliding them so that they hook securely on the bottom of the frame.

Note: It is important to fit the frame and adjust the temples and nose pads before beginning the measurement process.



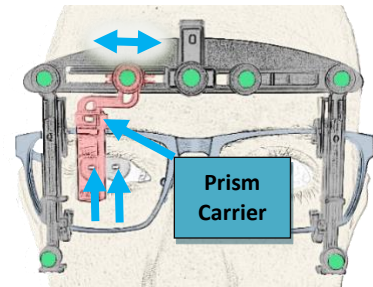
Adjusting the Wrap Arm

The wrap arm consists of a pivoting ledge located at the back of the OPD. Looking from above, rotate the ledge back and forth until the ledge is parallel with the curvature of the eyewear. This will measure the frame wrap angle.



Prism Adjustment

The vertex-distance prism carrier can be moved left and right by applying a light pressure on the thumb rest. Simply move the prism to the left of the iris until the pupil is visible in the center of the prism when directly facing the customer. Also, make sure that the prism is not obstructing the frontal view of the patient's pupil.



Reminder: Set the wrap arm before placing the eyewear on your customer's face. Then, standing nose to nose with your customer, slide the prism until you see their pupil in the prism and through the lens.

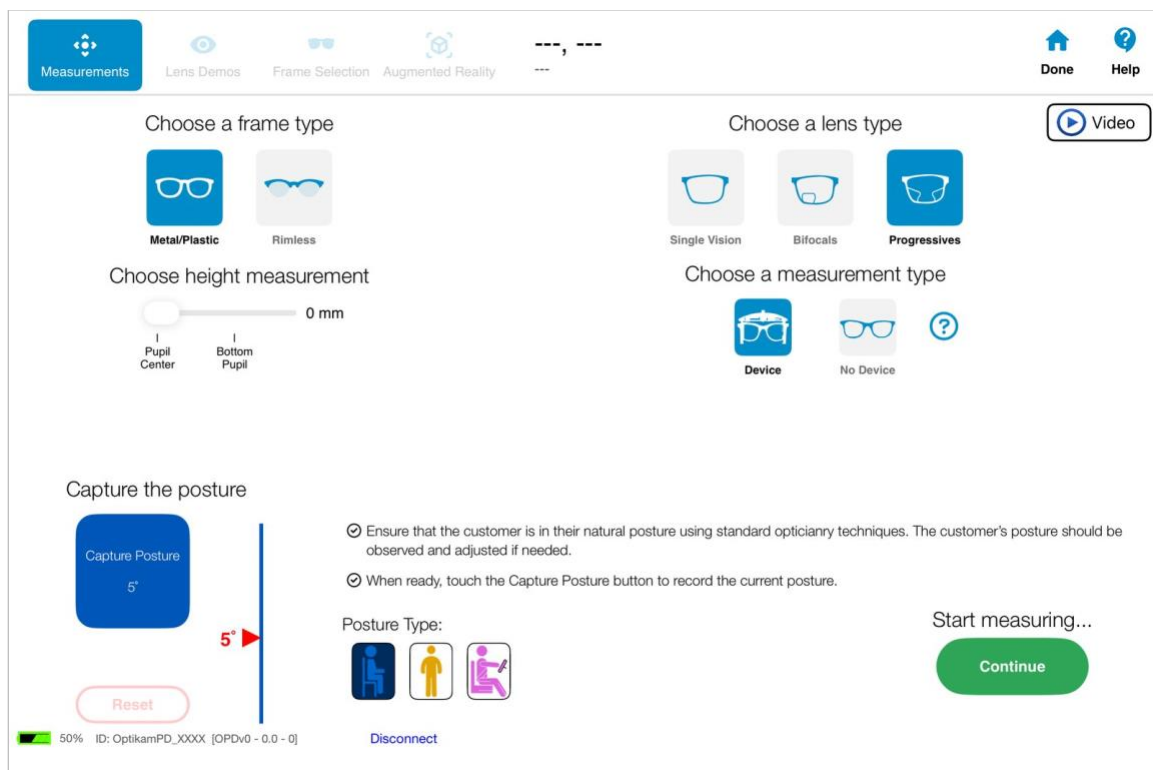
Capturing the Natural Posture

When entering the measurement module, fit the frame exactly as you will dispense it, then choose its type (choose Rimless for drilled or grooved frames) and the lens type you will order. Under Choose a measurement type, select Device to measure with the OPD on the frame.

Connect your OPD by selecting it in the device list. Blinking blue means it is ready; a short green blink means it is connected.

To find your customer's natural posture, ask them to relax, close their eyes, look left and right, then look straight ahead. Then tap Capture Posture. The Posture Indicator Bar shows the live posture in red and the captured posture in blue. If they differ by more than 2 degrees, capture again: every 2 degrees changes the fitting height by about 1 mm.

Posture Type selects the activity the posture is captured for: natural, standing or desk work. When done, tap Continue to proceed to take the picture.



The patented OPD ensures precise measurements by recreating the customer's natural posture. Note that capturing different postures will result in getting different heights. Your professional judgment should be used in ensuring that the patient is in their natural posture when capturing the posture. If the captured posture shows an unusually high or low pantoscopic tilt, OptikamPad asks you to confirm it: tap Re-Capture Posture to capture it again, or Continue With Captured Posture.

MEASUREMENT MODULE

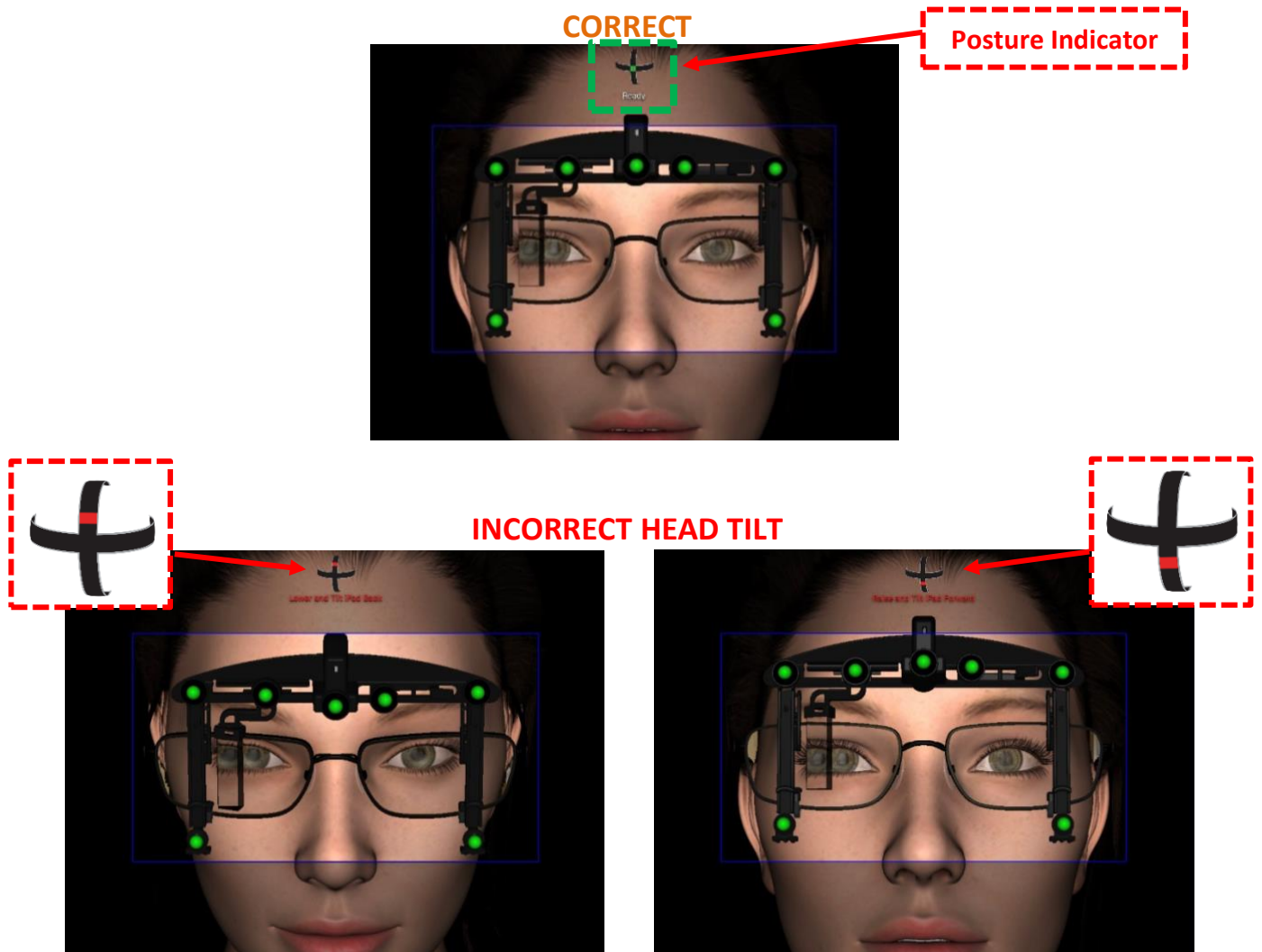
The measurement module allows you to quickly capture all of the advanced optical eyewear measurements using a single frontal image.

Picture Capturing

When entering the measurement module, select the frame type, the lens type, capture the posture and then touch the *Continue* button.

A live video feed is displayed with Focus and Take Picture buttons on each side of the video. Tap Focus to ensure that the video feed is in focus. Focus also fires the flash, allowing you to see if the corneal reflection is visible in the middle of the prism. The Preset button adjusts the camera exposure, and View 8-Step Quick Measurement Guide shows a summary of the measurement steps.

Follow the on-screen Posture Indicator and instructions (highlighted below) when taking a picture to recreate the captured posture (head tilt). This ensures that the patient's primary line of sight is being used when capturing the image.



Resolution: Ask patient to raise their chin

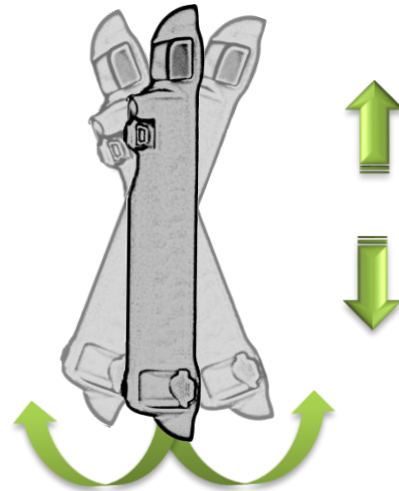
Resolution: Ask patient to lower their chin

Alternate Positioning Method: iPad Tilting

As an alternative to asking the patient to raise or lower their chin, the iPad can be tilted by the operator to re-create the captured posture.

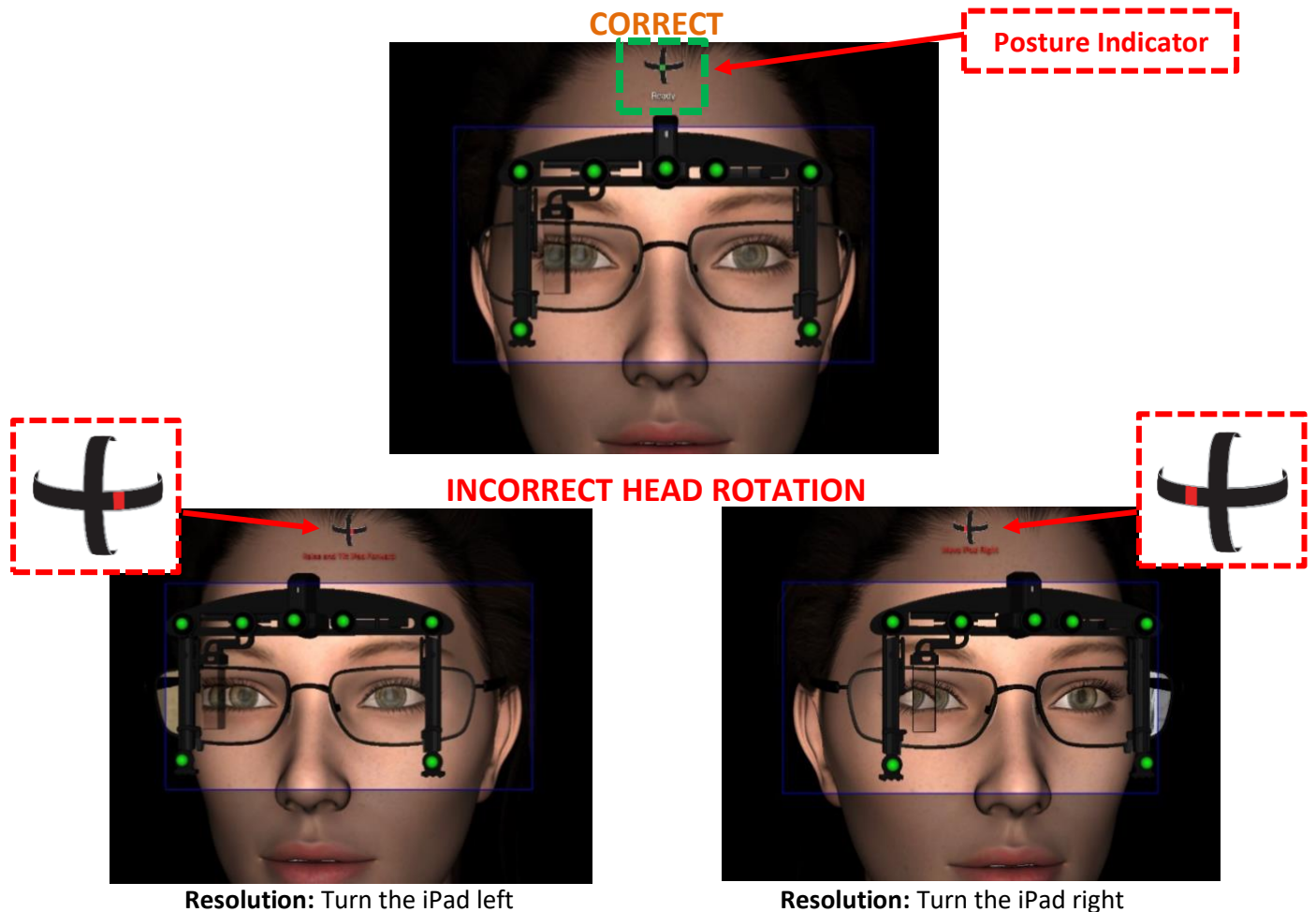
Note:

The iPad may need to be raised or lowered to keep the customer in view.



Correct Head Rotation

Next, make sure that no head rotation by following the on-screen Posture Indicator and instructions (highlighted below) when taking a picture to eliminate head rotation.

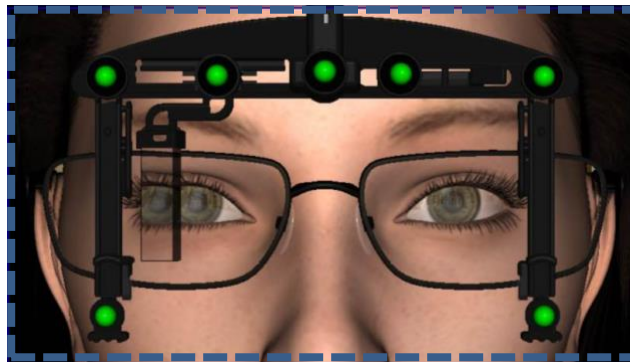


Patient Placement

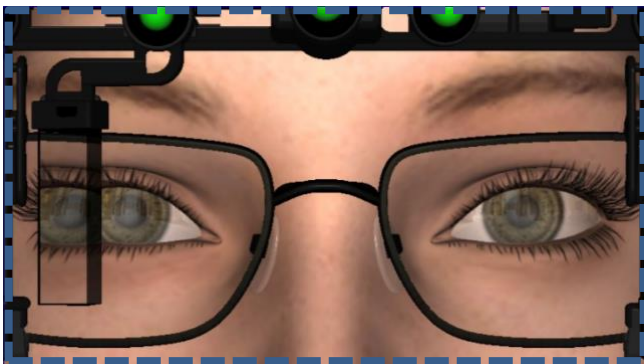
You must also make sure that the OPD and the customer's eyewear are fully visible within the blue rectangle. Move the iPad forward and back until the green sensors take up as much of the blue rectangle as possible; this sets the right measuring distance. Ask your customer to look into the camera lens, hold still and wait for the flash, then tap Take Picture. Make sure to hold the iPad still until the flash fires.

The image below represents what a correct picture placement looks like prior to taking the picture.

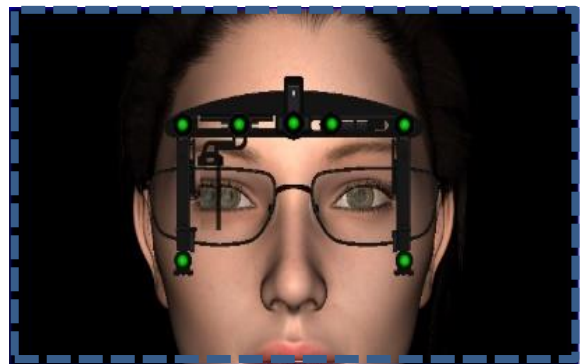
CORRECT PLACEMENT



INCORRECT: SENSORS NOT IN VIEW



INCORRECT: PATIENT TOO FAR



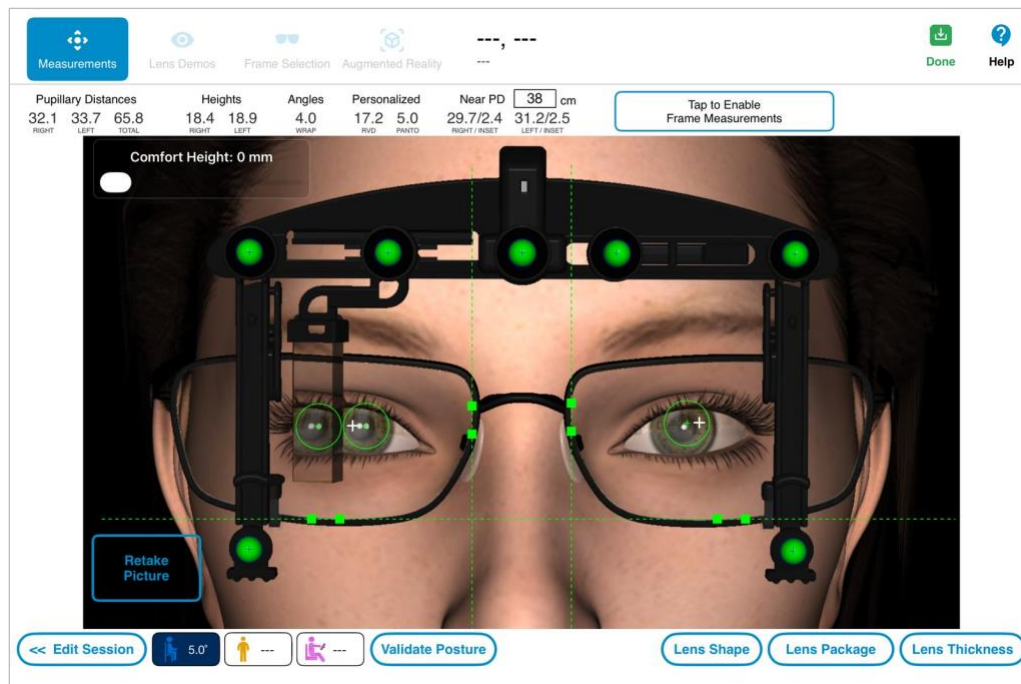
In summary, before taking the picture ensure that:

- The entire eyewear and OPD are visible inside the rectangle.
- The Posture Indicator displays that there is no head tilt.
- The Posture Indicator displays that there is no head rotation

Image Verification

Once the picture is taken, the measurement picture is displayed. Please take a moment to analyze the image to verify that the pre-fit was properly performed.

On the measurement image, the software draws the following measurement markers: a horizontal line under each lens, two vertical lines, two pupil markers, and a marker on the reflection of the pupil inside of the prism.



OptikamPad attempts to automatically place all markers in their correct position and displays in red any marker it could not find. If a marker is red, place it yourself; no retake is needed. Please perform the following verifications.

- Verify that the horizontal lines are placed on the inner edge of the frame where the frame and the lens come together.
- Verify that the vertical lines are placed on each side of the bridge, ensuring that the same reference point is used on both sides. Do not use the nose pads as a reference point, as they change with the fitting.
- Verify the markers on the pupils. Note that on the side where the prism is located, two reflections are formed on the pupil. Verify that the marker is on the nasal most reflection. This also applies to the pupil reflection inside of the prism. On the left eye, verify that the marker is positioned on the corneal reflection.

The results bar at the top of the screen shows the PD and fitting height for each eye. With All Measurements, it also shows vertex distance, pantoscopic tilt and wrap.

Comfort Height moves the white fitting cross to match your own fitting-height reference.

Posture Validation (Optional)

Validate Posture is an optional live check of where your customer looks through the lens. Tapping Validate Posture on the results screen activates the live posture mode: a gaze marker near the patient's eyes indicates in real time where the customer is currently looking through the lens.

If the gaze marker is far away from the recorded white fitting cross, tap Replace to replace the posture, which recalculates the fitting heights. Tap Cancel to leave the live posture mode.

Note: Different posture types can be captured to demonstrate the viability of the progressive zones for multiple activities or to highlight the need for an additional specialty progressive pair.

Explanations of Errors and Warnings

When capturing a measurement image, possible Errors and Warnings may appear. Below, is a complete listing of each with their respective description.

Picture Taking Error Analysis

OptikamPad may reject the image based on one of the following reasons:

- Head Rotation Detected** The customer's face was turned left or right beyond acceptable limits. Tap Re-take, or Accept to keep the picture.
- Head Tilt Detected** The customer's face was tilted up or down beyond acceptable limits.
- Re-take Picture** The OPD or the eyewear was not fully inside the blue rectangle, or the customer was too far away (more than 2.5 feet).
- Position of Wear / Prism Mismatch** All Measurements was selected but the prism appears to be parked. Choose whether to take vertex distance and wrap measurements, or to measure PD and heights only.
- Incorrect Wrap Position** The wrap arm is not set correctly (shown when wrap measurements are required).

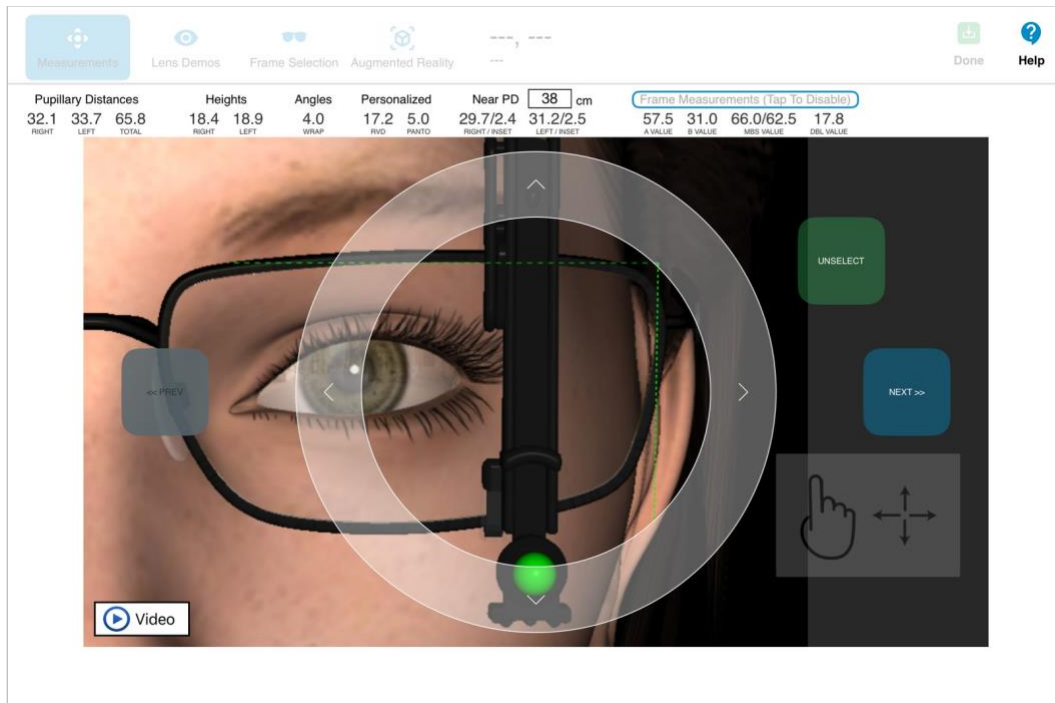
NOTE: Tap What am I doing wrong? on the message for help. The picture must be re-taken to continue when vertex distance and wrap measurements are required.

Once the picture is taken correctly, OptikamPad may list items in the Items To Verify panel in the top-right corner of the picture. Tap an item for an explanation of its possible causes, and check its box once you have verified it.

Warning	Description	Possible Action
Mono PD Difference	PDL and PDR differ beyond the set warning limit. (Default PD difference: 2.5 mm)	• Verify fitting, line placement and head rotation.
Height Difference	HL and HR differ beyond the set warning limit. (Default height difference: 2.5 mm)	• Verify OPD is properly seated on the frame. • Verify fitting and line placement.
Verify Clearance	The clearance between the pupils and the top of the lens is below the set warning limit. (Default clearance: 10 mm)	• Verify pre-fit. • Verify natural posture.
High Panto	The customer's pantoscopic tilt is beyond the set warning limit. (Default high pantoscopic tilt: 14°)	• Verify OPD is properly seated on the frame. • Verify natural posture.
Minimum Height Check	Lens package does not satisfy the minimum fitting height.	• Select a different lens package
RVD Out Of Range	Pupil is not visible within the prism or the marker is not placed on the corneal reflection	• Retake picture or reposition the pupil reflection
Warnings do not indicate error but simply suggest areas that should be checked.		
NOTE: OptikamPad warning limits can be changed or turned off in Settings › Measurements › Warnings.		

Marker Placement

If you spot a displaced marker, adjust its position by first selecting the marker. Selecting a marker is done by touching the two square anchors in the case of the lines, or on the crosshairs in the case of the pupils.



Once a marker is selected, there are two ways to adjust its position.

- Drag to slide the marker into place.
- Use the arrows around the ring to make fine adjustments.

Quickly navigate through the different markers using the PREV and NEXT buttons on each side of the picture. When all of the markers have been set, return to the full view mode by tapping UNSELECT. Now you have all of the measurements needed to order your lenses.

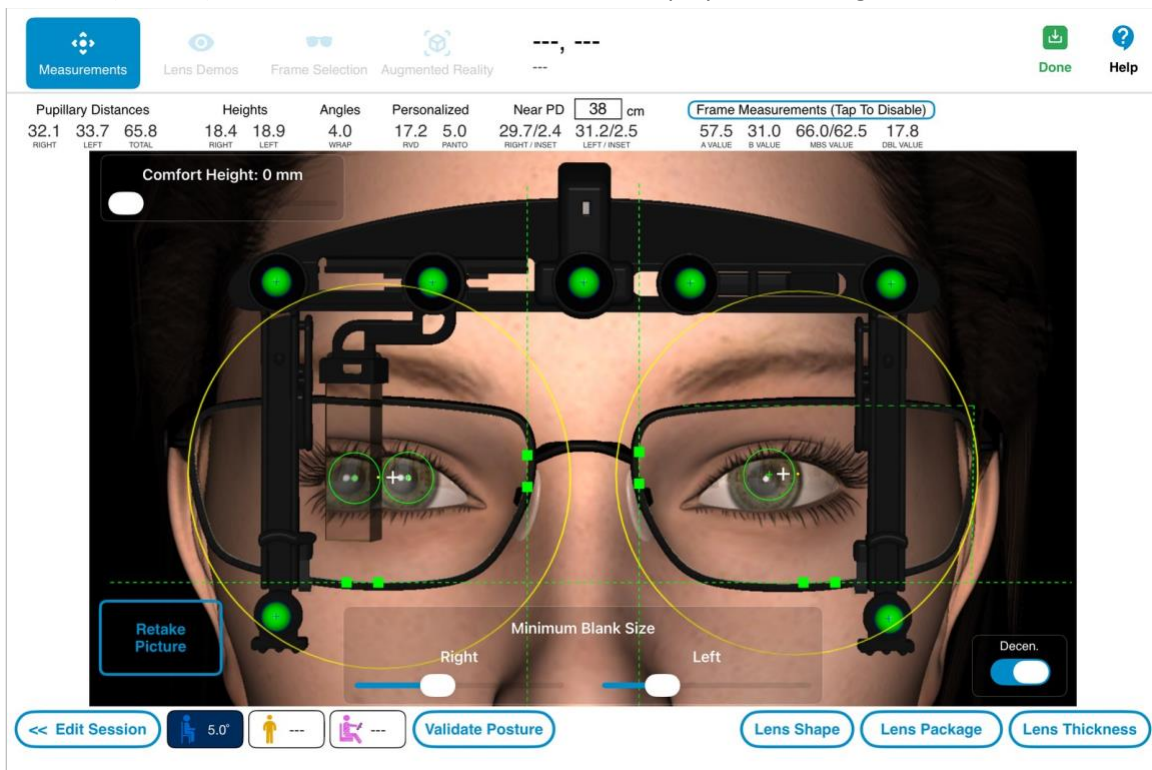
Frame Measurements

Frame measurements can also be captured by tapping Tap to Enable Frame Measurements in the results bar (they are always on when Frame measurements required is turned on in Settings). This displays a green corner shape and a yellow circle.

Perform the following steps to obtain Frame Measurements:

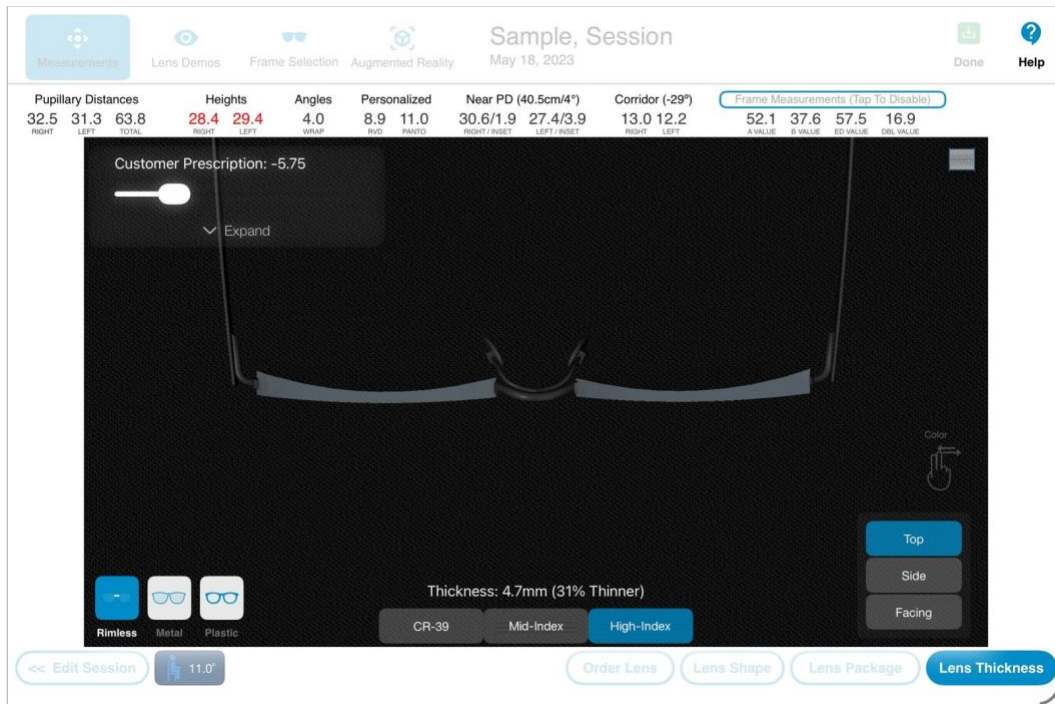
- Place the green corner such that the horizontal segment is placed at the top of the lens and the vertical segment is placed on the temporal side of the lens. This completes the boxing of the lens.
- OptikamPad sizes the yellow circle automatically so that the lens fits inside it; this gives the effective diameter (ED). Adjust it with the Effective Diameter slider if needed. When Minimum blank size is turned on in Settings > Measurements > Results, the circles show the minimum blank size of each lens, with Right and Left sliders.

The A, B, ED (or MBS) and DBL frame measurements are displayed on the right side of the results bar.



Lens Thickness

Now that the frame measurements are complete, tap Lens Thickness to show your customer how thick the lenses will be in this frame with different index materials. Drag the Customer Prescription slider to the patient's approximate prescription, then compare CR-39, Mid-Index and High-Index.



Choose Rimless, Metal or Plastic to match the frame, and Top, Side or Facing to change the view. The thickness of the selected material is displayed below the lenses. Tap Lens Thickness again to close the demo.

Lens Packages

Lens Package lets you choose a lens product to view the lens overlay on the picture. For progressives, it also checks the fitting height against the lens's minimum fitting height and whether the lens cuts out correctly.

The screenshot displays the 'Lens Package' software interface. At the top, there are navigation tabs: 'Measurements', 'Lens Demos', 'Frame Selection', and 'Augmented Reality'. Below these, a table of measurements is shown:

Pupillary Distances			Heights		Angles	Personalized		Near PD		Frame Measurements (Tap To Disable)			
RIGHT	LEFT	TOTAL	RIGHT	LEFT	WRAP	RVD	PANTO	RIGHT / INSET	LEFT / INSET	A VALUE	B VALUE	MBS VALUE	DBL VALUE
32.1	33.7	65.8	18.4	18.9	4.0	17.2	5.0	29.7/2.4	31.2/2.5	57.5	31.0	66.0/62.5	17.8

Below the measurements, there are three main sections for lens selection:

- Central Optical:** Custom, Digital Eye Lab
- iCentauri Daily:** iCentauri Reading, iCentauri Intermediate
- PLASTIC:** PLASTIC TRANS, PLASTIC POLARIZED

The central part of the interface features a large image of a person's face wearing glasses. Overlaid on this image are green and yellow lines indicating the lens fitting area. A 'Comfort Height: 0 mm' label is visible on the left side of the face image. A 'Lens Information ...' dropdown menu is located on the right side of the face image.

At the bottom, there are several buttons and controls:

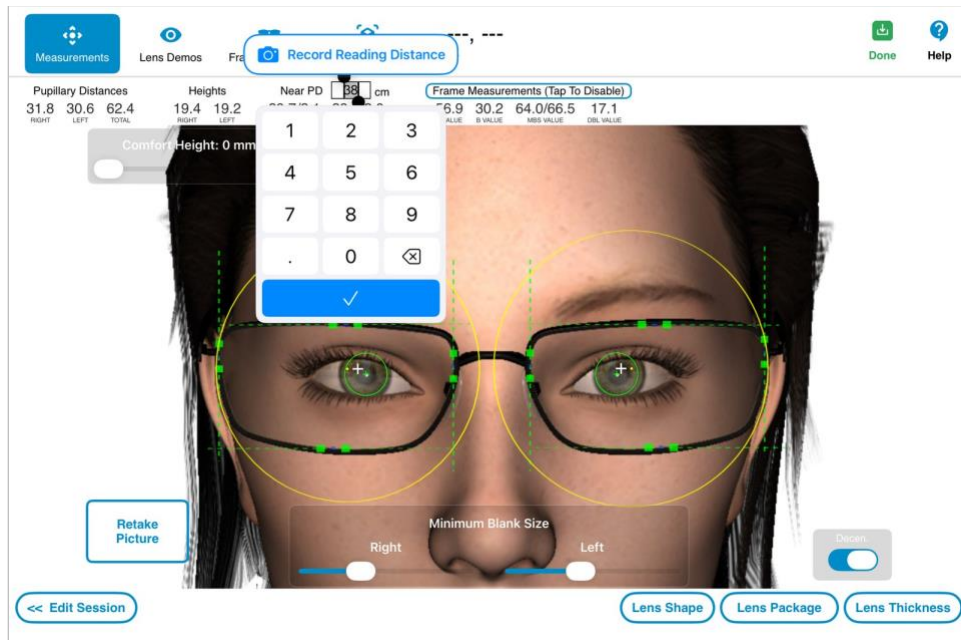
- << Edit Session
- 5.0"
- Validate Posture
- Lens Shape
- Lens Package**
- Lens Thickness

Near PD Measurements

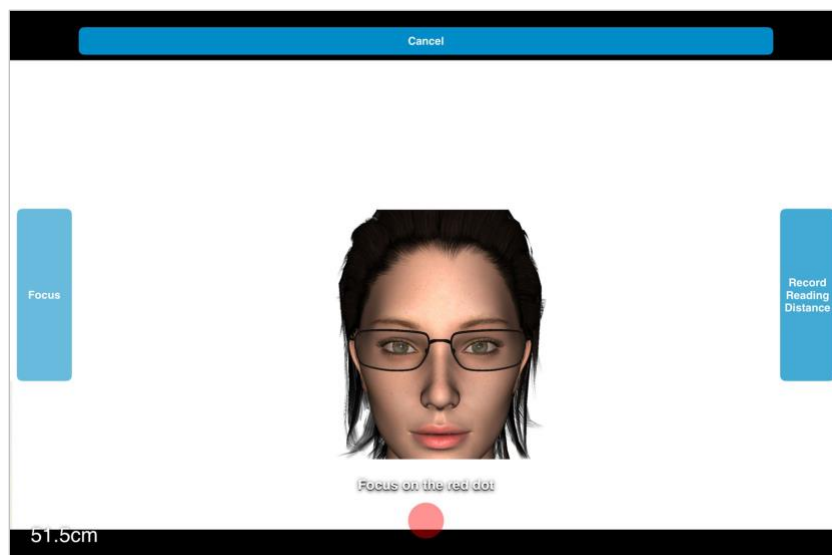
By default, near PD is calculated from the far PD picture and the reading distance shown next to Near PD in the results bar (40 cm unless changed in Settings). Tap the reading distance to type a different value.

Reading Distance

For progressive lenses, you can also measure the customer's reading distance: tap the reading distance, then tap Record Reading Distance.



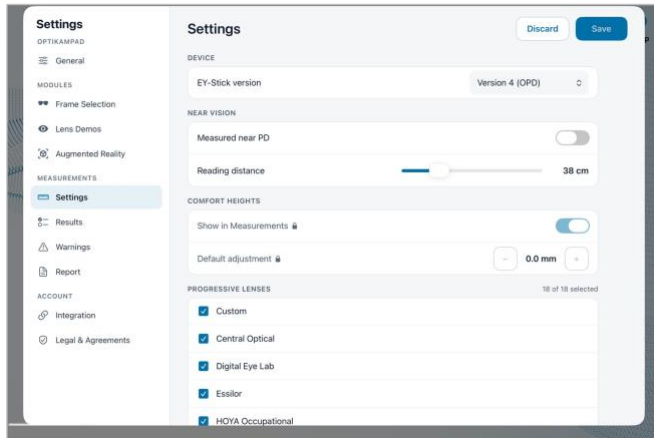
Hand the iPad to the customer and ask them to hold it upside down, as if they are reading, and to focus on the red dot. The live reading distance is shown in the corner of the screen. When the customer is in their reading position, tap Record Reading Distance. Only the distance is recorded; no picture is taken.



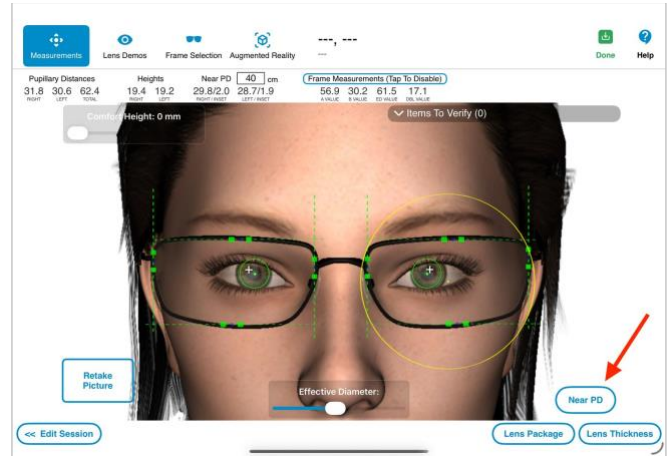
Measured Near PD

Optionally, near PD can be measured with a second picture taken with the front camera:

Turn on Measured near PD in Settings › Measurements › Settings



Tap Near PD on the results screen to take the near picture



When using the device, move the prism all the way to the left, it will not be required for Near PD measurement.

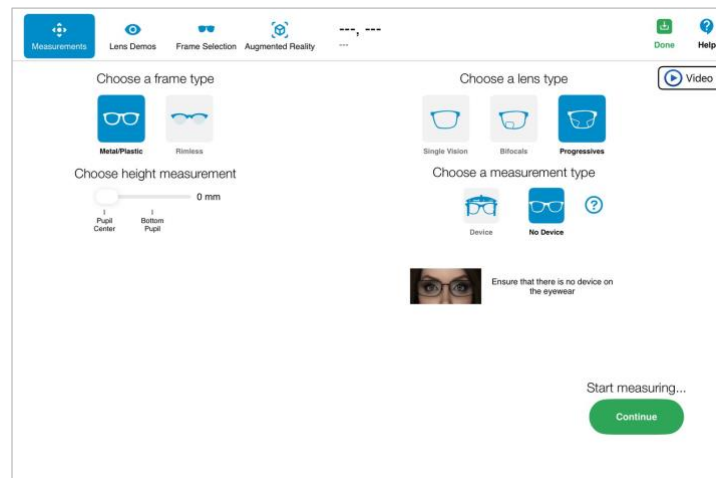
Hand the iPad to the customer. Have them hold it as if they are reading a book. Instruct the customer to move the iPad closer or further away from their face until the reading distance shown on the screen matches their usual reading distance. Ensure that the customer is focusing on the red dot, then tap Take Picture.

The near PD results, including the corridor values, are displayed in the results panel at the top of the screen. Tap the near PD result to toggle between the measured near PD and the proportional near PD (Prop. NPD), which is derived from the far monocular PDs and the near PD convergence. Use the Far PD and Near PD buttons to switch between the two pictures.

NO DEVICE MEASUREMENTS

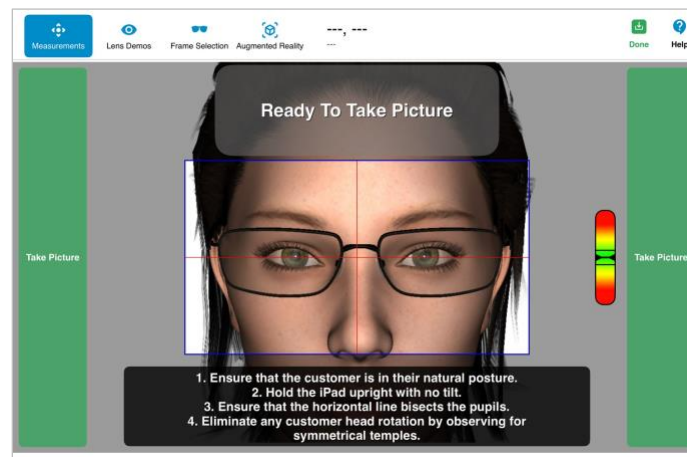
No Device measures without a device on the frame, using the iPad's LiDAR sensor. It is available when No Device is enabled for your account, on iPad Pro models with a LiDAR sensor. Remove any device from the frame before you start.

Start a measurement, choose the frame type and the lens type, then choose No Device under Choose a measurement type. When Position of Wear is offered, choose how much to measure: PD/Heights Only uses one picture. All Measurements adds vertex, panto and wrap: two guided pictures, then a picture of the frame for wrap.



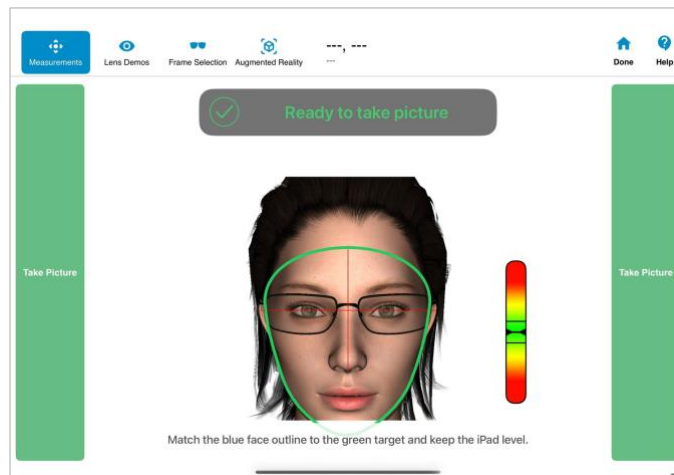
PD/Heights Only

1. Hold the iPad upright and keep the tilt indicator in the green zone.
2. Put the horizontal line through both pupils and the vertical line down the center of the nose, and let the eyewear fill the blue rectangle.
3. Make sure your customer's head isn't turned: both frame temples should look symmetrical.
4. Ask your customer to look into the camera lens, hold still and wait for the flash, then tap Take Picture. Make sure to hold the iPad still until the flash fires.



All Measurements (Guided Picture Capture)

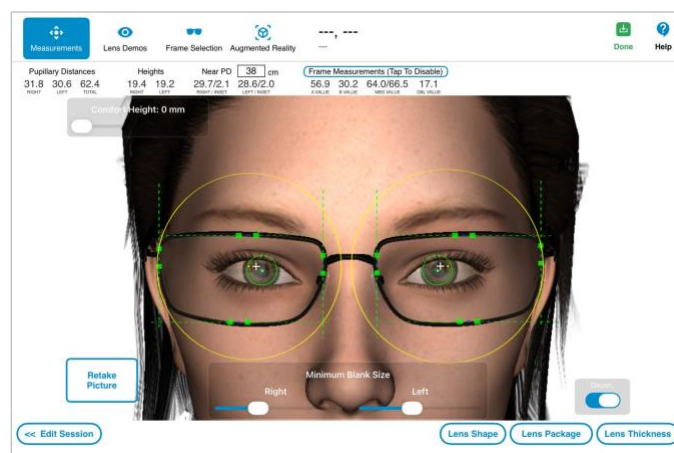
1. Explain the process to your customer: look into the camera lens and hold still for the first flash, then follow the iPad down with your eyes until the second flash, keeping your head still.
2. Keep the tilt indicator green and line up the blue face outline with the green target outline, then tap Take Picture.
3. Lower the iPad straight down until the blue face outline matches the green target again. The app takes the second picture automatically.



Results

The results are displayed immediately. Review the pupil and frame line markers and edit them only if needed: check that the pupil markers sit on the corneal reflections and that the lines box each lens at its outermost points, where it meets the frame. Review the markers on the preview of the second picture.

With Measured near PD turned on, near PD is measured with the front camera, using the same reading distance and red dot guidance; the near PD and corridor values are added to the results directly.



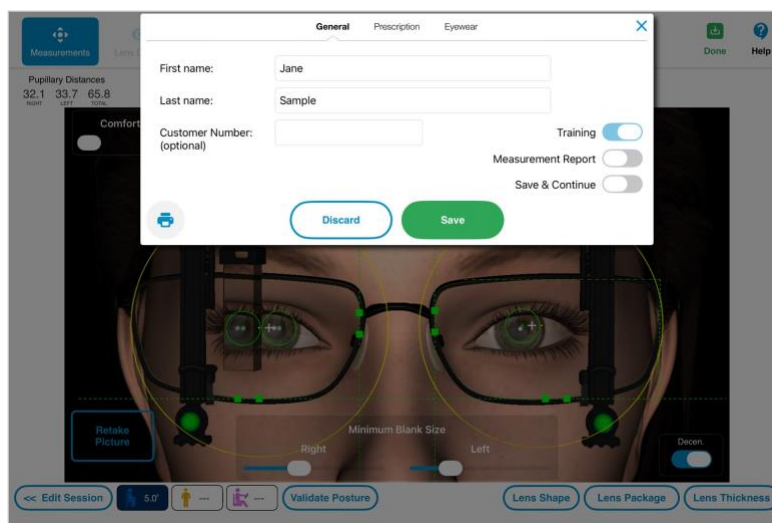
For wrap, put the frame on an empty surface and hold the iPad flat above it to take the picture. Drag the blue points to the outer lens edges, then slide Wrap Angle until the white line reaches the inner edges.

SAVING AND LOADING SESSIONS

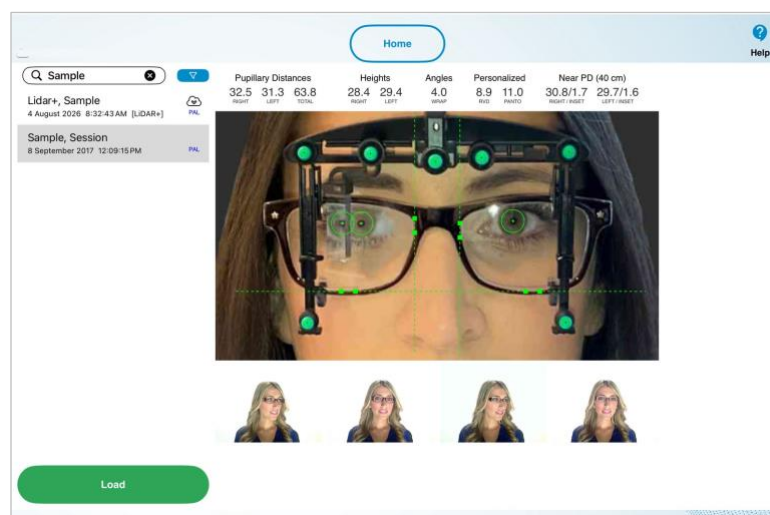
When you finish a measurement, tap Done to save the session. Enter the customer's first and last name and, optionally, a customer number. The Prescription and Eyewear tabs record additional information.

- **Measurement Report:** generates the Measurement Report PDF when the session is saved, ready to print or share. The report is configured in Settings > Measurements > Report.
- **Save & Continue:** saves the session and keeps it open.
- **Training:** marks the session as a training session.
- **Print:** the printer button generates the report and opens the print dialog.

Tap Save to save the session, or Discard to close it without saving.



To open a saved session, tap Load Session on the Home screen. Use the search bar to find a customer by name, and tap the filter button to see filtering options. Select a session from the list to preview it, then tap Load to open it. Swipe left to right on a session to see more options.

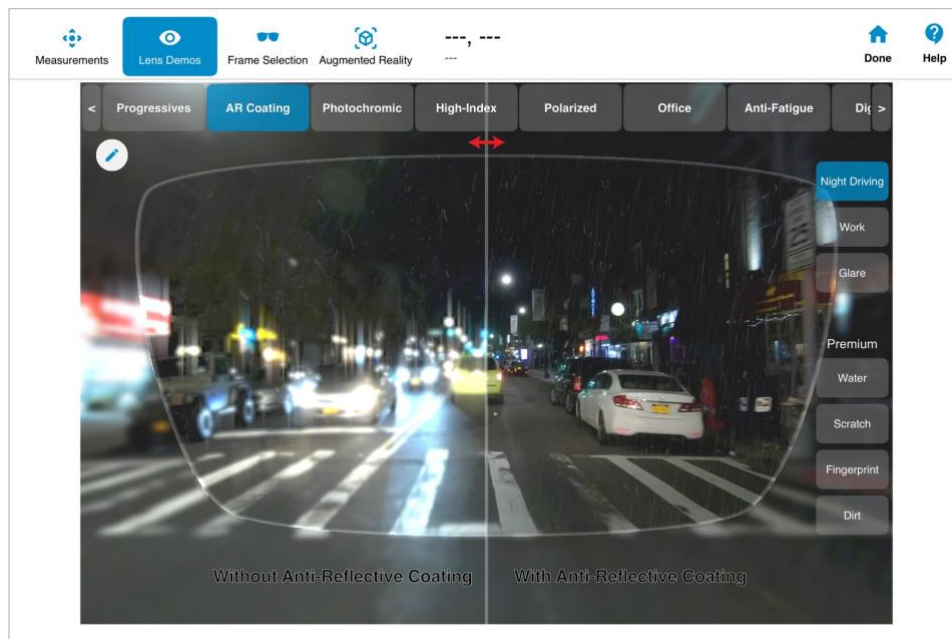




LENS DEMOS

The Lens Demos module shows your customers how different lenses, coatings and tints look, in a quick and interactive way. Tap the buttons at the top to switch between lens demonstrations, and use the < and > arrows to scroll through them. Options for the current demo are on the right-hand side.

Tap the pencil button in the top-left corner to draw on the demo, for example to circle an area of interest.



The following demos are available:

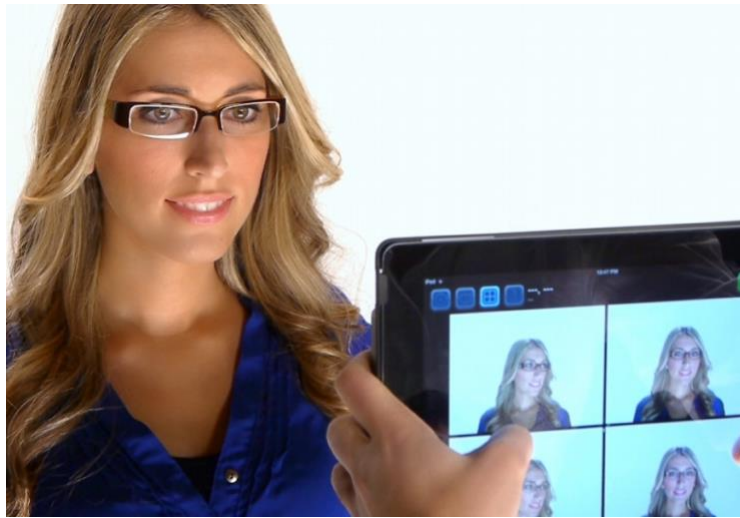
- Progressives (Bifocals, Standard, Premium and Personalized progressive designs)
- AR Coating (including Premium coatings: Water, Scratch, Fingerprint and Dirt)
- Photochromic
- High-Index (including a 3D lens thickness demo)
- Polarized
- Anti-Fatigue
- Digital SV (digital single vision)
- Myopia Management
- Tints
- Blue Light

Drag the divider to compare the two lenses side by side, and choose which lens is shown on each side. Some demos let you switch between a female and a male model.



FRAME SELECTION

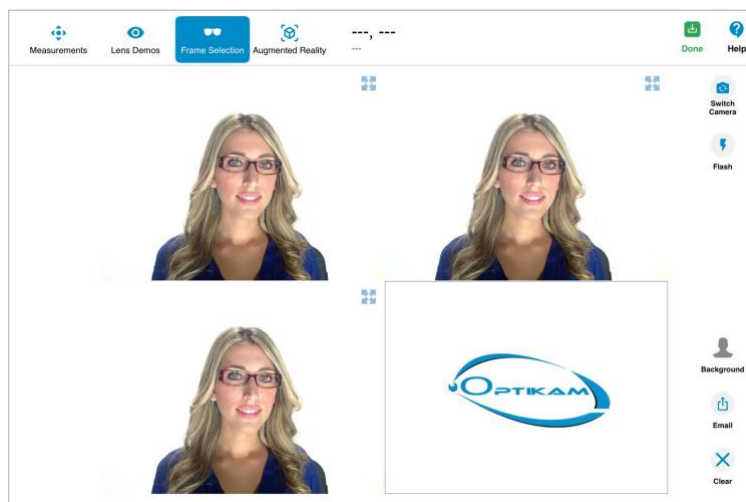
The Frame selection module enables customers to see how they look like in different eyewear. The side-by-side image comparison exposes the customer to frames of different styles, resulting in an increase in multiple-frame sales.



To use this module, tap a logo to start live video, then tap again to take a picture of your customer. This process may be repeated in the other quadrants. Up to eight pictures can be taken: four are shown at a time; scroll down to see the other four.

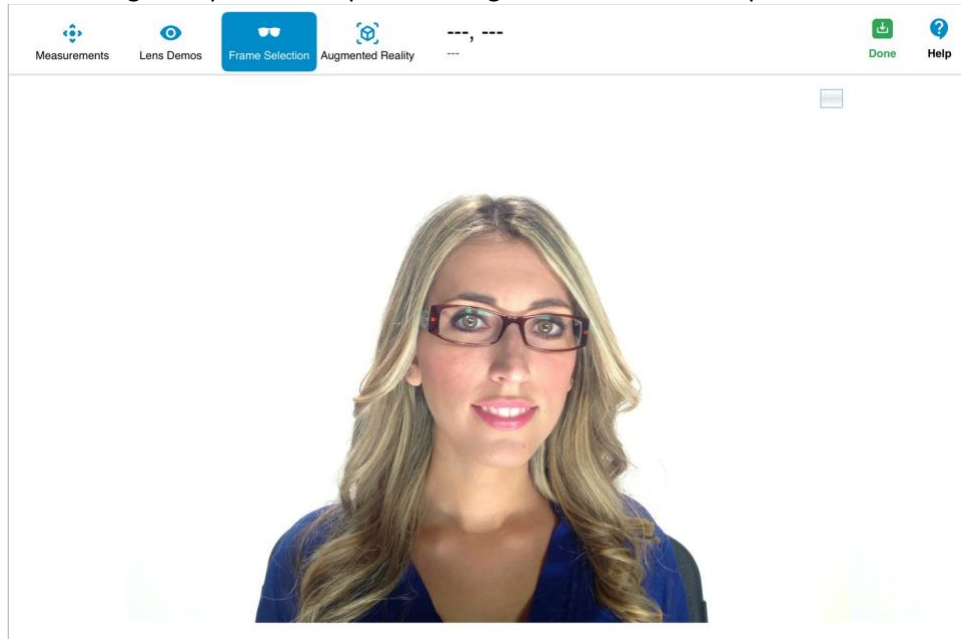
Email sends the photos to your customer, and Clear removes them. An e-mail account must first be configured on the iPad in order to use Email. The subject and message of the email are set in Settings > Frame Selection.

Switch Camera switches between the front and back camera, and Flash turns the flash on or off. Background replaces the background behind your customer with white.



Full Screen

To see a picture full screen, tap the full-screen icon in its top-right corner. When in full view, swipe left or right to scroll through the pictures. Tap the icon again to return to the split view.



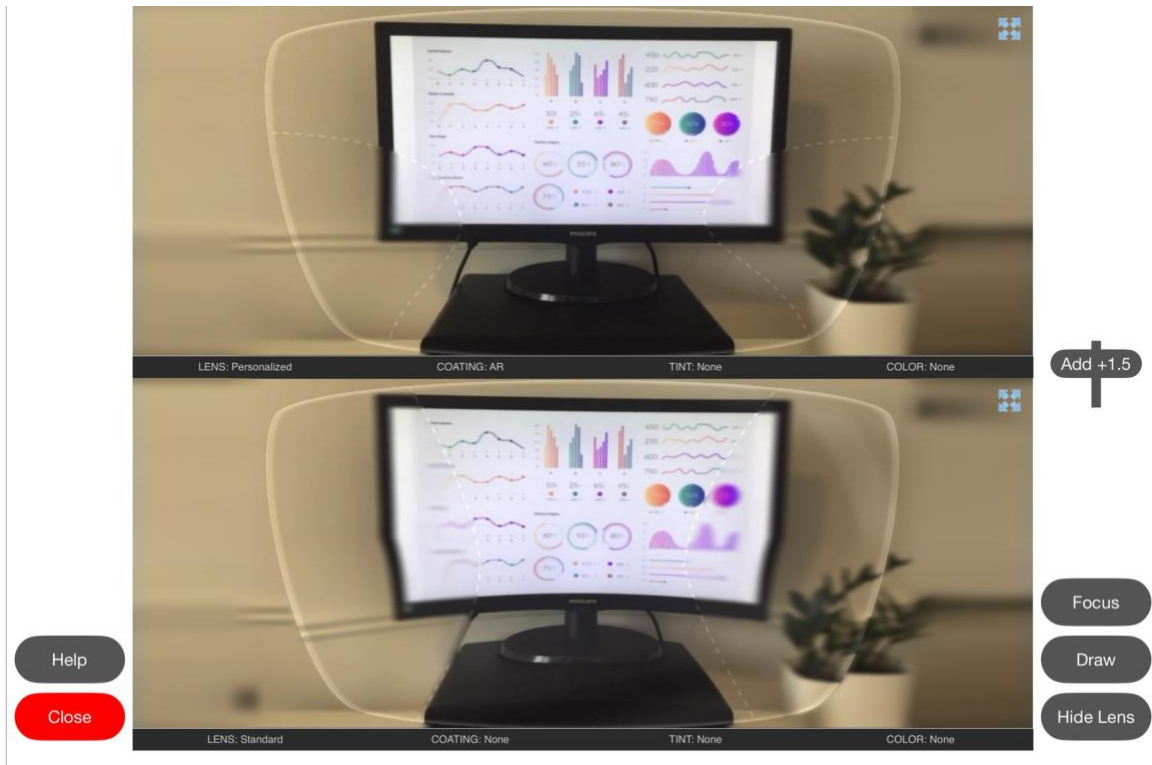
Pan & Zoom

Pinch to zoom the image, in one of the quadrants or in full screen. Drag to move around a zoomed picture.



AUGMENTED REALITY

The Augmented Reality module shows the live camera through the selected lens, so your customer can see its effects on their real surroundings. The view is split in two, and each half simulates its own lens. Configure the lens options of each half by selecting the lens type, coating, tint and color in the bar below it. Point the iPad around different parts of your office to highlight various lens benefits.



The following controls are available:

- **Full-screen icon** (top-right corner of each view): shows that lens full screen.
- **Add slider**: changes the addition of the simulated progressive or bifocal lenses.
- **Focus**: focuses the camera.
- **Draw**: draws on the picture, for example to circle an area of interest.
- **Hide Lens**: hides the lens outline and its effects, so your customer can compare the view without the lens.
- **Help** and **Close**: show tips for this screen, and exit the module.

Full Screen

Tapping the full-screen icon enlarges one of the lens views to full screen. Tap Bottom Lens or Top Lens to quickly show the differences between the two lenses, and tap the icon in the top-right corner to return to split screen. The pause button freezes the live video. The Start in full-screen setting opens the module directly in full screen.



Blur Simulation

This feature must be turned on in Settings > Augmented Reality > Blur progressive zones. It simulates the progressive lens clear and blurred zones based on iPad tilt, and is only available with the live camera.

