

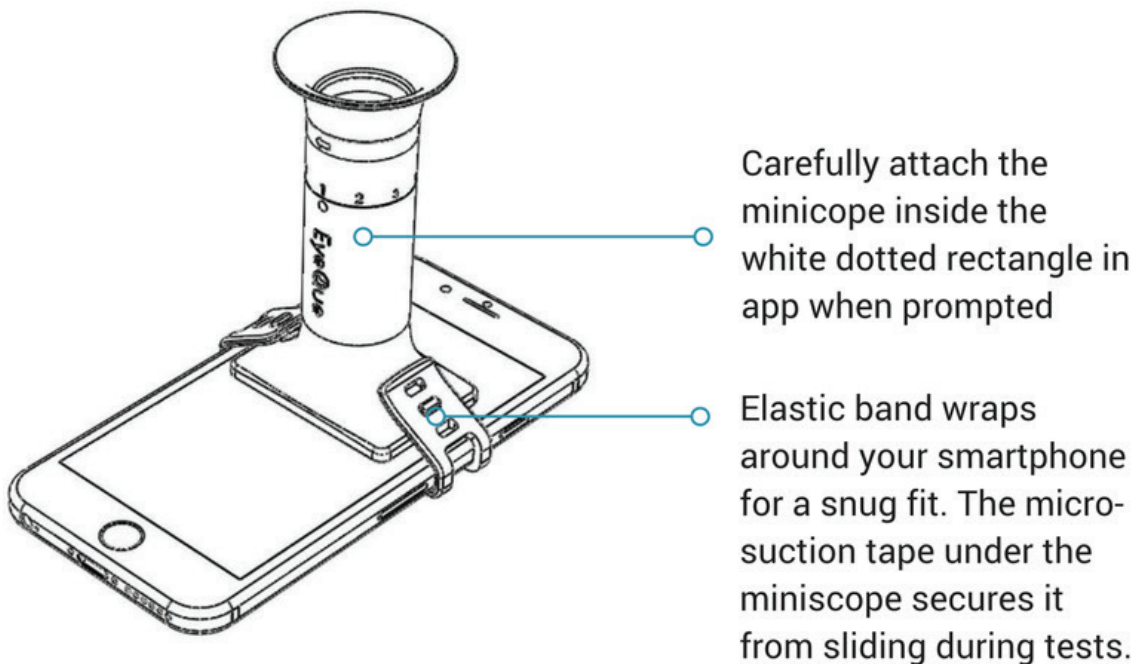
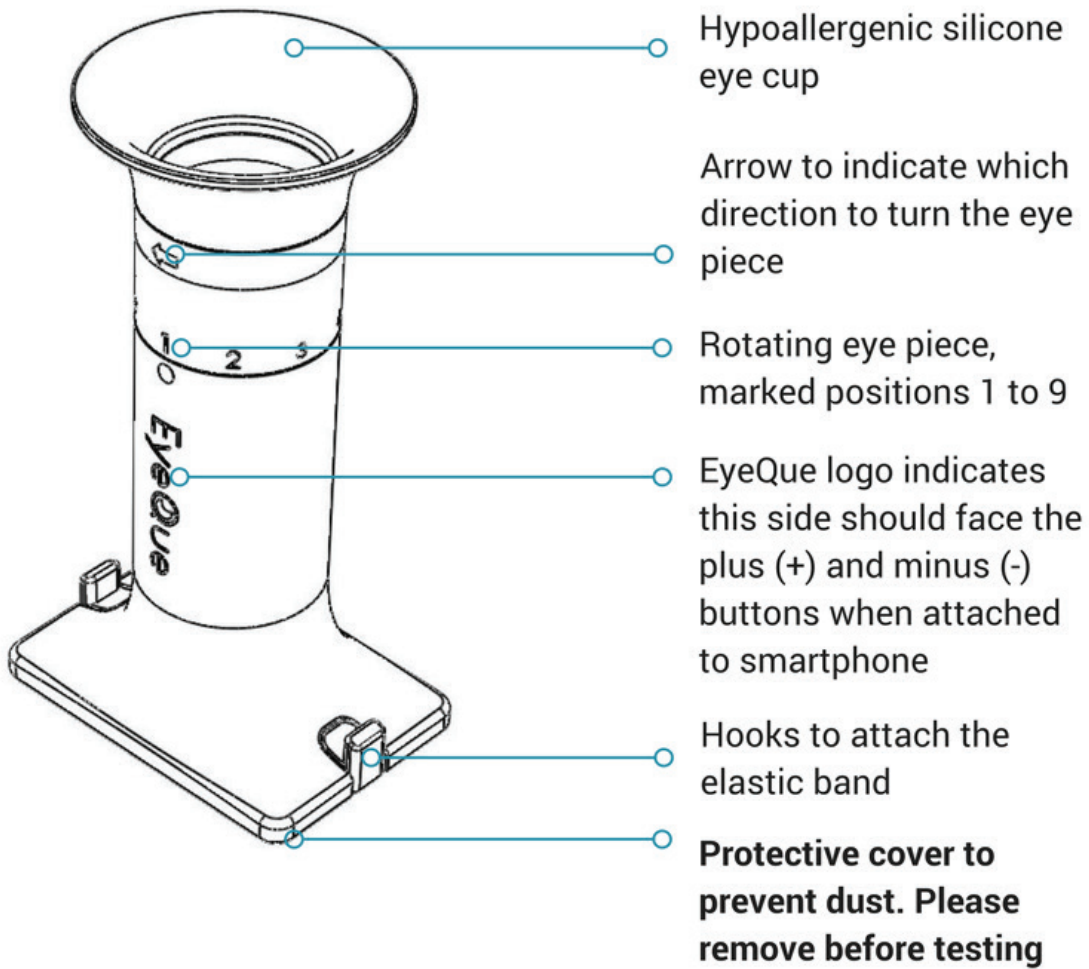
EyeQue™

Personal Vision Tracker ophthalmic refractometer



Product Manual
Model: EQ101

Product Specification



Technical Specification

Spherical power:	-10 to +8 D (0.25 D steps)
Cylindrical power:	0 D to -5D (0.25 D steps)
Astigmatic axis:	0° to 180° (1° steps)
Minimum pupil diameter:	2 mm
Dimensions:	3.62 inch x 2 inch x 1.38 inch (92 mm x 50 mm x 35 mm)
Light source:	Smartphone Display (eye safe)
Temperature:	10°C (50 °F) to 40°C (104 °F)
Humidity:	10% to 95% RH (Non-condensing)
Power supply:	None
Minimum smartphone requirement:	250 ppi screen resolution

Intended Use

The EyeQue Personal Vision Tracker (PVT) is a self-administered, mobile application-driven refraction device that provides spherical, cylindrical and axis measurements of the eye. The PVT allows the tracking of changes over time and generate estimated refractive corrections.

Description

The EyeQue Personal Vision Tracker (PVT) is a self-administered refraction measurement device that uses the light from your smartphone screen to determine EyeQue EyeGlass Numbers: lens power needed to correct nearsightedness or farsightedness as well as lens power and axis needed to correct for astigmatism. Your EyeQue results are safely stored in the cloud.

EyeGlass Numbers are not prescriptions and personal vision testing does not replace the need for an annual eye health exam.

For ages 18 years or older.

Instructions

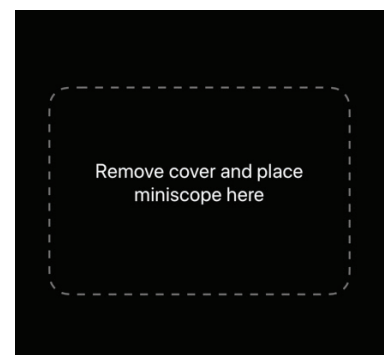
Download the app and complete your account activation process

1. Download the myEyeQue App from Google Play or Apple app store
2. Launch the app and register for an account. If you already have an EyeQue account, sign in to your existing account
3. You'll be asked for the Serial number. You will find a serial activation number inside the box for registration
4. Complete your account activation process



How to get started and attach your EyeQue miniscope

1. Turn up your smartphone screen's brightness, as well as the volume. There will be voice prompts to help you through your test.
2. Click on the "test" tab in the app. If this is your first time using the app, please review the tutorial and complete the practice test before attempting a full test.
3. For either the practice test or full test, you will be prompted to remove the miniscope from its case. Rotate the eyepiece clockwise several times to get a feel for the movement.
4. You will see a rectangular area with a dotted outline. This is where you attach the miniscope. Remove the cover on the base of the miniscope and attach it directly onto your smartphone screen, with the EyeQue logo facing the plus (+) and minus (-) buttons. The miniscope should not slide easily once attached to your phone.
5. Secure the miniscope by attaching silicone elastic band with a snug fit.
6. Make sure the rotating eyepiece is set to **position 1**. Click next, and select whether you will be taking the test with or without glasses or contact lenses.



[Back](#) Setup Miniscope



TEST

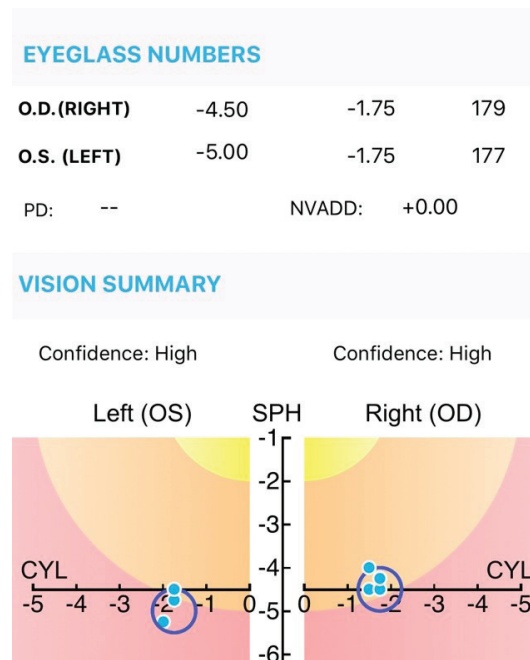
How to take your first vision test

1. Place your elbows on a flat surface to hold your smartphone as steady as possible
2. Hold the smartphone at reading distance, and slowly move it closer until the eye cup touches your right eye
3. You should see two lines, one red, and one green. Take a few seconds to find these lines. If you do not see them, try gently moving the miniscope left and right, up and down. It takes some practice and is an important part of getting accurate test results. *NOTE: Your first time taking the test will be the hardest.* Once you find the lines and successfully complete your first test, all subsequent tests will become much easier to perform.
4. Once you see the red and green lines, open and relax your left eye (non-testing eye) during the test. Most people find it helpful to focus on a large object at least 6 feet away.
5. Tap on the plus (+) or the minus (-) button and **overlap the red and green lines completely**, until they form a **solid yellow line**. You may hold down the plus (+) or minus (-) buttons for faster movement.
6. Once you are satisfied that the lines are overlapped, click "next".
7. You will be prompted to rotate your miniscope to position 2. Turn the rotating eye piece in the direction of the arrow until the number "2" is just above the white dot.
8. Look into the miniscope. The red and green lines are now at a different angle. Overlap them as you've done for the previous test; click "next" when you see only one solid yellow line.
9. Rotate your eye piece to position 3 and repeat. Complete all 9 measurements for your right eye. Follow voice prompts.
10. Rotate your eye piece to position 1 and test your left eye. Complete all 9 measurements for your left eye. Follow voice prompts.
11. Congratulations! The test completion screen appears with the first indication of your vision. You may choose to save or discard this test result.



What to do with your vision test results

1. Instant results after each test only gives you your spherical reading (nearsightedness or farsightedness) and an estimated range of your astigmatism (low, moderate, high).
2. **After taking three sets of saved vision tests** with the EyeQue Personal Vision Tracker, the myEyeQue app will generate an accurate set of EyeGlass Numbers that you can use to check whether your vision has changed since your last prescription, or order new eyeglasses online.
3. More vision tests will result in better, more accurate EyeGlass Numbers.



Multiple Users

One device can be shared with several users.

Since user results are saved and EGN calculations are based upon the results of several saved tests, each user must have a separate EyeQue subscription account.

Note

Clean the miniscope eye cup with rubbing alcohol between users. Remove and/or allow the rubbing alcohol residue to evaporate before bringing the miniscope eye cup to the eye.

Contraindications

The miniscope should not be shared with users that are known to have, or exhibit signs or symptoms of, an eye infection.

If used on other devices

Users will need the device serial activation number to unlock the app on other devices.

What Can You Do With EyeGlass Numbers?

We recommend using it for general tracking and assessment of your eyesight over time and providing it to your eye care provider before your annual eye exam for evaluation. EGN's can be used to order eyeglasses from online retailers that do not require an eye care provider's prescription certification.

For Other Users to obtain their own subscription

Via Computer

1. Create an account
 - a. Create an account by going to <https://store.eyequ.com/customer/account/create/>
 - b. Confirm your email address and login to your account
2. Purchase a subscription
 - a. Click on "Subscription" on the left-hand side
 - b. Select the Buy button
 - c. Complete purchase
3. Download the MyEyeQue app for the PVT (or MyEyeQueVA app for the EyeQue Insight.)
4. Login using the app
5. You may be prompted for the serial activation number from the EyeQue device.

Via the App

1. Download the MyEyeQue app for the PVT (or MyEyeQueVA app for the EyeQue Insight.)
2. Open the app and on the login screen click on "Register" button
3. Complete the information
4. Confirm your email address
5. Login and enter the device serial number
6. A pop-up will appear indicating a subscription is required.
7. Select the "Buy" button
8. Complete the purchase process.

With a single active subscription, a user can use the EyeQue PVT and/or EyeQue Insight device. You do not need to purchase a different subscription to use the other device. You may be prompted for the serial activation number from the EyeQue device when launching the product-specific device for the first time. This activation number validates you are using a genuine EyeQue product.

Warranty Information

Your EyeQue Personal Vision Tracker purchase comes with a 30-day money back guarantee and a limited 1-year parts and labor warranty. Proof of purchase from an authorized seller (EyeQue.com, Amazon Inc. on Amazon, EyeQue on Amazon, Kickstarter, Indiegogo, HSN, and BestBuy.com) and serial activation number are required for processing.

The accuracy and precision of the results can vary among individuals. Not all users will get accurate or consistent results because of, but not limited to, effects such as accommodation, other eye conditions, insufficient manual dexterity, or improper use. As the EyeQue vision test is self-administered EyeQue does not make any guarantees regarding results.

Please visit our website at www.EyeQue.com for Frequently Asked Questions and additional product information.

Please email us at support@EyeQue.com with any questions.

Our mailing address is:
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Newark, CA 94560
(510) 455-8168

Safety Warning

While using EyeQue products to personally measure and track vision has the benefit of detecting changes between regular eye exams, it does not replace a comprehensive eye exam that evaluates ocular health or binocularity. EyeQue urges people to visit a doctor annually for a full eye health exam and regularly reminds its user through in-app notifications.

For ages 18 years or older.

Pupillary Distance (PD) Ruler

Some EyeQue PVT's are shipped with a PD Ruler. If your purchase came with one, follow the directions below to get proper measurements.

What is Pupillary Distance?

Pupillary Distance is the distance between the centers of the pupils of the eyes, measured in millimeters. PD is one of the measurements necessary to order glasses.

Depending on the ruler you have, there may be two methods to measure your PD.

Method 1

Applicable for most PD ruler styles.

1. Stand approximately 8 inches in front of a mirror or ask someone else to measure for you.
2. Without touching the eye, align the "0" with the center of the pupil of one eye and while looking straight ahead, measure the distance from the center of one pupil to the center of your other pupil.
3. Note your results. (Range of Adult PD: 54-74 mm, Range of Child PD: 43-54 mm)
4. Repeat several times for accuracy and use an average for your final measurement.

Method 2

Applicable if your ruler has eye-slits and you wish to use them.

Note: Method 1 may be applicable too; either method can be used.

1. Stand approximately 8 inches in front of a mirror or ask someone else to measure for you.
2. Without touching the eye and while looking straight ahead, look through the eye slits and note the number that is aligned with the center of one pupil (numbers will range between 20 and 40mm).
3. Without moving the ruler, note the number that is aligned with the center of the other pupil (numbers will range between 20 and 40mm).
4. Add the two results.
5. Note your results. (Range of Adult PD: 54-74 mm, Range of Child PD: 43-54 mm)
6. Repeat several times for accuracy and use an average for your final measurement.

To order a PD ruler: <https://store.eyeque.com/eyeque-pd-ruler.html>

EyeQue™
see beyond

Made in Taiwan
Manufactured for EyeQue Corp.
39608 Eureka Drive, Newark CA 94560

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