

Eye Testing

Our Optometrists will take time to chat over the reason for your visit and your individual visual needs. They will then carry out required tests in addition to discussing and demonstrating the pre-screening test results which include:

Refraction

Recording your vision and calculating your lens prescription whilst checking for astigmatism, long and short sightedness.

Colour vision test

Enables us to check for hereditary colour vision defects as well as macular cone and optic nerve function.

Binocular vision test

Assessing the comfort of your vision / eyes and their ability to work together to keep your vision comfortable and balanced.

Field Assessment (Peripheral vision)

A method for measuring your entire scope of vision, that is your central and peripheral (side) vision. Visual field testing maps the visual fields of each eye individually and can detect blind spots (scotomas) as well as more subtle areas of dim vision.

Tonometry and pachymetry

A check of the pressure of the eye and the thickness of your cornea which relates to glaucoma.

Slit lamp examination

A biomicroscope is used to assess the health of the front of the eye in up to 40 times magnification allowing us to view down to the level of individual cells on the layers of the front of the eye.

Ophthalmoscopy

In addition to carefully examining and analysing all the images and scans captured during pre-screening, we will examine the eye using a special microscope and focusing lenses to give a live 3D view of all the internal structures of the eye checking for glaucoma, macular degeneration, cataract and a host of other conditions.

Other additional tests, not described above, may be performed in specific situations. These will be explained to you during your eye examination. If you find any test particularly difficult then please tell the Optometrist and they can offer suitable alternatives.

For children, the tests do vary, they get the fun ones!

On completion, you will be given a copy of your personal lens prescription together advice on what optical solutions is best for you.

You should leave feeling reassured that you have had a thorough eye examination and with a clear understanding of your own eyes, both in terms of vision and eye health!

[We will send you a reminder when your next Eye Test is due.](#)