



Are you
ready to
take
control
of your
vision?



OCUTECH[®]

VISION ENHANCING
SYSTEMS



Bring your world back into focus

Is seeing family and friends, watching television, shopping, playing games, attending church, reading computers or music, the classroom, enjoying museums, performances, gardening or the outdoors a challenge?

Vision loss does not have to prevent you from leading a fulfilling life. With your motivation and help from Ocutech's VES® Systems, you may be able to bring your world back into focus, making it easier to enjoy activities that you might have thought were lost forever.

Ocutech's VES® Systems are successfully used by individuals with macular disease from Macular Degeneration, Diabetic Retinopathy, Albinism, Stargardt's Disease, Optic Atrophy, Myopic degeneration, Nystagmus, Macular Holes, PXE, and many other eye conditions that affect central vision.

What is Macular Disease?

The macula is the central part of the retina that provides your sharp, detailed vision. When macular disease reduces vision not only is reading impaired, but seeing signs, faces, television and the computer are also affected. While magnifiers and large print may help you to read, only moving closer or using a telescope can help you to see better at a distance.

How do telescopes help blurred vision?

By making the image larger, many visually impaired can see things further away.



For example, if you can't recognize a loved one's face further than 5 feet away, a 4 power telescope may enable you to see them as far as 20 feet away!

What are Bioptic Telescopes?

Bioptics are miniature telescopes mounted into the top of eyeglasses. They are a convenient way to magnify distant objects because you don't have to hold and aim the telescope, making it instantly available and leaving the hands free.

Bioptics are available in two types: Galilean and Keplerian. Experienced bioptic users prefer the wider field of view of Keplerian telescopes.

Galilean telescopes are small in size but provide a narrow field of view, limiting their value to lower powers. They are less expensive because they contain fewer optical components.

Keplerian telescopes provide edge-to-edge image sharpness and supply an almost 3 times larger field of view than the same power Galilean telescope.

Why choose an Ocutech Bioptic Telescope?

Ocutech VES bioptic telescopes use the highest-quality Keplerian optics to produce the widest field of view possible and are the only bioptic telescopes that are ergonomically designed to provide the combination of wide field of view, light weight, compactness, ease of focus, and wearing comfort that users prefer. Ocutech's innovative mounting designs provide full control of critical telescope positioning making it easy to optimize performance for even the most challenging cases.

Ocutech VES® Systems are available by prescription from low vision specialists. An Ocutech prescriber can help you to determine if you are a good candidate and also demonstrate the appropriate devices for you.

How do I know if I'm a promising candidate for Ocutech® VES® Systems?

If you can say "yes" to these four questions then you may be an Ocutech candidate:

- 1. Is your vision loss due to macular degeneration or a similar disorder that causes a loss of central, detail vision?**
- 2. Is vision in the better eye with your best eyeglass prescription (if used) 20/400 (6/120) or better?**
- 3. Can you read headlines on a newspaper?**
- 4. Can you watch TV or recognize people's faces from farther than 2 feet away?**



The VES® AutoFocus

The award-winning Ocutech **VES®-AutoFocus** (VES®-AF) is the world's only self-focusing bioptic telescope. It provides the most natural magnified vision because wherever you look, the image is clear almost immediately, just like normal vision. It removes the most inconvenient part of using a bioptic telescope—keeping the image clear! Weighing only 2.5 ounces it runs for 8 hours on a single charge. Its 4x power provides clear focus from infinity to 12 inches! It's great for the classroom, table games, the computer and activities where you can't stop to focus.



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VES® Sport

The **VES® Sport** is a result of Ocutech's continuing research and development. The **VES® Sport's** wide-field Keplerian parallax corrected optics provides exceptional image clarity and brightness. Available in 4x and 6x powers, its ergonomic design can provide relaxed, comfortable viewing all day long. The **VES® Sport** combines the best of both worlds--a bright, sharp image in a lightweight, stylish and comfortable design. It's even available in colors!



VES® K

The **VES®-K** manual focus bioptic telescope offers Ocutech's wide-field Keplerian optics in 3x, 4x and 6x powers. As with all of Ocutech's VES optics, its small, lightweight and comfortable design provides edge-to-edge image sharpness. Patients can wear the **VES®-K** all day long.



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VES® Mini

There is no smaller, lighter weight, wider field bioptic than the Ocutech **VES®-Mini**. Providing a 3x, 15 degree field of view, the **VES®-Mini** is equivalent in size to small focusing Galilean telescopes, only half the size of other expanded field telescopes, weighs less than an ounce, and focuses to as close as 9 inches! Provided in a traditional through-the-lens mounting design, it can be prescribed for one or both eyes and for distance or near.

VES® II

The improved version of Ocutech's original optical design, the **VES®-II** offers wide-field optics, a bright image, and light weight. Its fully adjustable mechanical mounting system makes prescribing a high quality bioptic system quick, convenient and readable. Attached to specially designed eyeglass frames, this modular system allows the prescriber to independently assemble the bioptic making it convenient and popular throughout the world.



About Ocutech

Ocutech was founded in 1984 to develop the original VES design concept which was invented and patented by Ocutech founder, J. Pekar, who is himself visually impaired. With grant support totaling over \$1.5 million from the National Eye Institute (NIH) and the Ontario (Canada) Ministry of Health, Ocutech bioptic systems have been carefully developed and tested and have been preferred 3 to 1 in independent clinical trials. Ocutech VES bioptic telescopes are used by many thousands of visually impaired individuals throughout the world.

In 1996, Ocutech received worldwide attention when it created the first and only autofocusing bioptic telescope. Now, thousands throughout the world wear the VES[®] Auto Focus (VES-AF) and experience the closest-to-natural magnified vision possible from a low vision aid. Individuals who had never been successful with bioptic telescopes gained new-found freedom with the VES-AF. "It changed my life" many have said. In 1999 Ocutech received the prestigious Winston Gordon Award from the Canadian National Institute for the Blind in honor of its innovative work to create the VES- AutoFocus.

Ocutech is committed to the needs of the visually impaired and supports its products with generous limited warranties. Ocutech Low Vision Aids are available from doctors and clinics throughout the world specializing in low vision care.



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Effective August 2010