OCUTECH®
Vision Enhancing Technology

Options for all patients, easy to fit, demonstrate and prescribe

OCUTECH®
KEPLERIAN VES® SYSTEMS

VES® FALCON Autofocus Bioptic

The next generation of Ocutech's pioneering Autofocusing Bioptic Telescope, proven effective in NIH-funded clinical studies.

- The world's only autofocusing bioptic telescope
- 3x, 4x and 5.5x Powers
  - 3x 15° Field of View;
  - 4x 12.5° Field of View;
  - 5.5x 9.5° Field of View
- The most natural, hands-free magnified vision
- Near, middle or far, images are immediately clear – just like normal vision
- Focusing range as near as 13 inches (0.33m)
- Crisp, bright, high-contrast, wide-field Keplerian optics
- Operates 8 hours on a single charge. Uses separate rechargable battery
- Comfortable to wear all day long; weighs less than four ounces!
- For individuals with 20/300 vision or better.
- Ideal for distance, mid-range and near applications for seeing signs, faces, church, theater, TV, shopping, traveling, school, work, and perhaps even driving*.

** Driving where legal and properly licensed*

VES® SPORT-II

Ocutech's best-selling Keplerian Bioptic Telescope System

- 4x (12.5˚), 5x (10.5˚), 6x (9.6˚)
- Brightest image and widest field of view
- Available in black, silver and custom colors!
- Focuses to as close as 9 inches
- Ocutech's innovative bridge mounting system
- Simple to demonstrate, prescribe and fit
- For individuals with 20/300 vision or better

VES® EXPLORER

Small in size, big in optics!

- Wide field-of-view Keplerian optics!
- Available in 3x (14.0˚) and 4x (12.5˚) powers
- Hi-tech design and 5 color choices!
- Focuses to as close as 7 inches
- Lightweight and comfortable (less than an ounce!)
- Great for kids and adults
- Fits all Ocutech frames including pediatric sizes
- For individuals with 20/200 vision or better.

OCUTECH®

KEPLERIAN VES® SYSTEMS

Expanded-field optical design for higher power needs

VES® K

The original VES Keplerian telescope design

- 3x (14.0˚) and 4x (12.5˚) powers
- Focuses to as close as 7 inches
- Ocutech's innovative bridge mounting system
- Simple to demonstrate, prescribe and fit
- For individuals with 20/200 vision or better

VES® 3xMini

The smallest, widest field Keplerian Bioptic Telescope

- The widest field 3x (15.0˚) Bioptic in the smallest size
- Half the weight of comparable products
- Quick and easy focusing to as close as 9 inches
- Traditional through-the-lens mounting system
- Available in black and silver
- For individuals with 20/150 vision or better

OCUTECH®

SIGHTSCOPE® GALILEAN SYSTEMS

Wide-field optical design for lower power needs

SightScope® SightScope 2®

Adjustable Flip-up Galilean Telescope System

- 1.7x and 2.2x Telescope powers
- Widest field of view available
- Simple to demonstrate, prescribe and fit
- Fit and adjust in less than a minute!
- Indicated for individuals with 20/100 vision or better

SightScope

SightScope 2 - available frame-mounted only

Reading Caps for Sightscope and SightScope 2

Slip on and off the front of SightScope 1.7x and 2.2x Systems. All include base-in prism for fusion while reading. Includes sturdy hard case. Available in: +1D, +1.5D, +2D, +2.5D, +3D, +4D.
Contact Ocutech for custom powers

SightScope Odering Options

Frame Mounted

Demonstrator Clip System

Patient Clip System

SightScope® *NearView*

Near vision telescopes for binocular and monocular magnification at natural working distances

- For magnification at natural activity distances.
  - Choose - 40", 26", 20" or 13" working distances
- Reading caps are permanately attached
- The SightScope NearView is easy, comfortable and convenient to use
  - Very wide field of view - Very broad depth of field
  - Natural depth perception
- Great for table-top, music, computer and handcraft activities
- Ideal for Visual Acuity of 20/100 or better
- Flips out of the way for distance viewing
- Convenient testing kit

OCUTECH® Reveal GALILEAN SYSTEMS

Traditional Through the Lens • Insta-Mount Self Adhesive • On & Off Bioptic • Clip-On Options

2.2x Telescope (18 degree field of view) • 0.5x Field Expander (50 degree field of view)

- Small, lightweight and inconspicuous
- Crisp, bright optics
- Fixed-focus with broad depth of field
- Monocular and binocular options
- Easy to demonstrate, fit and prescribe
- Convenient demonstrator clip
- Eyepiece corrections
- Use Ocutech or other sturdy frames

Traditional Through-the-Lens System

- Use with any Ocutech or other sturdy frame
- Monocular or binocular prescription options
- 3.0 CT carrier lenses required
- Trivex carrier lenses recommended
- Eyepiece corrections available

Reveal 2.2x Telescope *Reveal 0.5x Field Expander*

Available in Silver and Black chassis colors

Monocular Insta-Mount Self Adhesive System

- Conveniently attaches to the front of eyeglass lens
- Includes straight and 7-degree self-adhesive flanges
- Position in bioptic, straight-ahead or down positions
- Eyepiece corrections not required
- Not for AR-coated lenses

Available in Silver chassis only

The Magnetic Clip "On and Off" Bioptic

- Allows the patient to take their bioptic on or off
- Use frames provided by Ocutech or provide your own magnetic clip frame
- Can be inserted through the clip lens or adhered to lens using Insta-Mount self-adhesive mounting flanges
- No eyepiece corrections required

Patient Clip-On 0.5x Field Expander (FE)

- Prescribe for one or both eyes
- Available in Demonstrator Clip or Patient Clip

Demonstrator Clips

- Convenient demonstration, fitting and ordering method
- Telescope -Monocular only
- Field Expander-Monocular or Binocular

OCUTECH®

HANDHELD VISUAL FIELD EXPANDING DEVICES

Image Minifier (0.5x IM)

- Very wide, flat and bright field of view
- No focusing required
- Large eyelens makes viewing easy
- Handheld or spectacle mounted options
- Handheld version includes neck strap and case

Field Viewer (0.25x FV)

- Used at arms length to widen the field of view for individuals with tunnel vision
- Specially designed bi-concave lens minimizes distortion
- Comes with pouch and neck strap
- Diameter 48mm

OCUTECH®

LATERAL AWARENESS ALERT SYSTEM

for Hemianopsia, Spatial Neglect, and Tunnel Vision

OCUTECH® SideSight™

- Monitors the 45 degree field of view horizontally and vertically on the non-seeing side(s)
- Vibrates to alert user of collision risk
- Vibration alert increases with proximity to obstacle
- Alert light can be toggled on and off
- Detection angle adjustment up and down to direct field of attention
- Interchangeable for use on right or left side
- Use on both sides for tunnel vision

OCUTECH® Metal Frames

"K" Metal Frame
48/18, 51/18, 53/18, 55/18, 57/18
Colors: Gold, Silver, Bronze
48/18
Silver and Bronze Only

Unisex Metal Frame
47/18, 49/18, 51/18, 53/18, 55/18
Colors: Gold, Silver, Bronze
47/18, 53/18, 55/18
Silver and Bronze Only

Sleek Metal Frame
50/18, 53/18
Colors: Silver, Gun Metal

OCUTECH® neo Frames

Black

Blue

Red

Mix and match colors of frame and telescope.

neo plastic frames are available in 45/18/140 and 48/18/145 eye sizes with adjustable nosepads and spring hinge temples.

Smoke

Pink

OCUTECH®

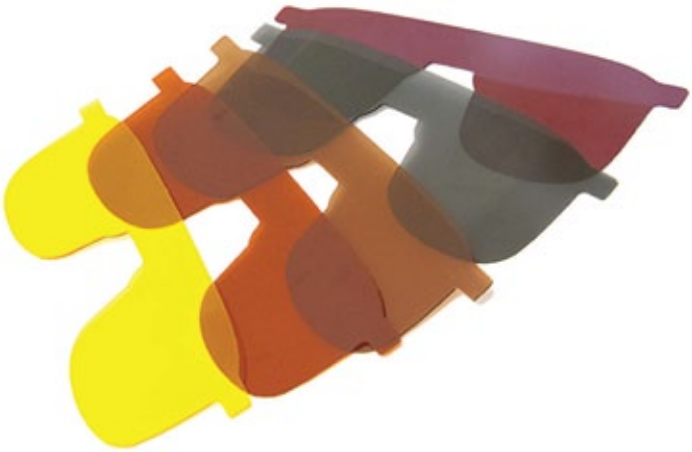
ACCESSORIES: FILTERS, CAPS AND CASES

Filter Caps for VES Systems

Snap on and off design available for: VES K, VES II, VES Explorer, VES Sport II, VES Falcon

Slip-Behind Filters

Colors available:
Polarized: Gray, Brown, Blue-blocker, Yellow
Non-polarized: Red, Magenta



NOIR Filters

To fit over VES K, VES Sport-II and VES Explorer. Available in all NOIR colors in U and L frame sizes

Variable Density Filter for Sport-II

Available in any combination of polarized Gray, Brown, BlueBlocker. Clips onto the front of the Sport-II and allows control of the amount of light being transmitted through the telescope.

Chemistrie Clip Magnetic Clip-on Filters

Mounts firmly to the front of carrier lenses. For use with all Ocutech frame-mounted products. Specify color.

Ocutech Cases, Neck Straps, and Fitting Tools

Patient system cases, Accessories cases, Diagnostic kit cases, Neck straps, Fitting tools

OCUTECH®

PRESCRIBING INDICATIONS

Prescribing Indications for Ocutech Telescopic Bioptics

1. Best corrected visual acuity (BCVA) of 20/300 or better in the better-seeing eye.
2. That the visual field is at least 40 degrees in diameter in the better-seeing eye.
3. Prescribe a telescope power to achieve approximately 20/40 VA through the bioptic.
4. If providing a monocular device, prescribe to the dominant eye if possible.
5. Confirm that the patient can see faces adequately through the telescope at 10 feet or further under normal room lighting.
6. Confirm that the patient has appropriate goals for the use of the device.
7. Confirm that the patient understands how to use the device.
8. Confirm that the patient has adequate dexterity to focus the device if required.

Ocutech Telescope Powers and Acuity Range Prescription Suggestions

Product	Powers	20/60-20/100	20/100-20/160	20/160-20/200	20/200-20/300
SightScope	1.7x	✓			
SightScope	2.2x	✓			
VES Mini VES Explorer, VES K, VES Falcon	3.0x	✓	✓		
VES Explorer, VES K, VES Sport-II VES Falcon	4.0x		✓	✓	
VES Sport-II	5.0x			✓	✓
VES Falcon	5.5x				✓
VES Sport-II	6.0x				✓

Contact Ocutech for complete technical, fitting and ordering information and diagnostic kit options.

OCUTECH®
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Scan to visit our website

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