Vision Enhancing Products
A GLOBAL BRAND WITH TRADITION

Since its establishment in 1913, Eschenbach Optik has been combining traditional business values with modern innovative flair. Within a century Eschenbach Optik has become one of the leading suppliers of optical products - both in Germany and abroad. The product range extends from optical and electronic magnifiers to eyewear frames, reading glasses sunglasses and binoculars.

With subsidiaries in twelve countries, more than 30 international trade partners and over 480 employees throughout the world, today Eschenbach Optik has a global presence. The North American subsidiary, Eschenbach Optik of America, was founded in 1983 and this subsidiary, along with more than 30 other trade partners throughout the world, has made Eschenbach a world leader for optical products.

MADE IN GERMANY

From the initial concept right through to the finished product, Eschenbach Optik carries out its work at its site in Nuremberg. Our German heritage ensures that our products are engineered and produced to the highest of standards and this is how we are able to guarantee exceptional brand quality.

VISION TECHNOLOGY PRODUCTS

In this catalog you will find our extensive range of vision enhancing products. These include optical products like handheld, stand and spectacle magnifiers, telescopes, absorptive filters as well as electronic magnifiers now commonly called video magnifiers. In addition, the catalog has a number of non-optical products like task lighting, reading stands, charts and diagnostic cabinets. The term “Vision Technology Products” stands for innovative research and development, modern technologies, as well as precision production methods - and a level of quality which meets the very highest demands in terms of optimum optical performance, reliability and intuitive operation.

The diversity of our range of magnifying and vision enhancing products allows you to provide your customers with the optimum solution for meeting all their everyday vision requirements.

OUR VISION
To be the dominant player in the market for magnifying and vision-enhancing products.

OUR MISSION
To provide our customers with vision-enhancing products that improve their safety, productivity, independence and quality of life.

LOW VISION
We offer a wide range of products to meet the highly diverse needs of those suffering from visual impairment, making their daily life so much easier and therefore enabling them to regain maximum independence and maximum quality of life.

EASY VISION
As we get older, our vision deteriorates and this is something that happens to everyone. From the age of 60, this change becomes increasingly noticeable and sometimes even the best corrective eyewear is not enough.

With the “Easy Vision” concept from Eschenbach Optik, additional, innovative optical products are able to compensate for the visual impairment and relaxed vision is once again possible.

SALES SUPPORT
In addition to products, we also offer versatile displays and attractive presentation systems for select products.

DETAILED INFORMATION
The “Technical Information” section contains a summary of technical specifications and you can find information on visual impairment in the “Information” section.

LENS COATING

cera-tec® is a hard coating developed in collaboration with the Fraunhofer Institute for Silicate Research ISC (Würzburg) specifically for PXM® lenses on ORMOCER® basis. Our coating procedures offer all-around lens protection as all lenses are coated on both the front and back surface. The finished product sets new standards in quality, service life, reliability and economy.

Eschenbach lenses are made of PXM® material. This material is characterized by its light weight and high resistance to breakage. As a result, Eschenbach customers have a choice of products with the highest image quality, economic design and maximum utility.

PRESCRIPTION CORRECTABLE
Eschenbach offers a wide assortment of prescription correctable products so you can provide customized solutions for your patients by using our Custom Solutions Program. Items in this catalog that are prescription correctable have been marked with the RX icon. Contact our Customer Service Department at (800) 487-5389 or info@eschenbach.com to place a customized order.

AWARDS
FREQUENTLY ASKED QUESTIONS CONCERNING LOW VISION

What is low vision?
Low vision exists when, despite applying the best corrective eyewear or contact lenses, as well as surgical and pharmacologic treatments, vision is still impaired. Magnifying vision aids help the user to see better, despite the visual impairment.

What are the most common causes of low vision?
Visual impairment can affect anyone, although it mainly occurs among the elderly. The most common causes in our part of the world are age-related macular degeneration (AMD), diabetic retinopathy cataracts and glaucoma among others. (See photos on right.)

What can be done for those with low vision?
Fortunately, vision enhancing products, including the magnification and contrast-enhancing products in this catalog, can maximize the remaining vision in those with vision loss thereby improving their quality of life and allow them to carry out their daily living tasks more easily and independently.

What are magnifying low vision aids?
Magnifying vision aids are defined as being all optical and electronic aids which compensate for the loss of vision by providing magnification of the images on the retina. Magnifying vision aids improve the quality of life of those suffering from visual impairment so that they are able to carry out their daily tasks more easily and without assistance.

Is there a set of low vision aids you would recommend to get started?
Eschenbach offers a Low Vision Program (see page 66) which includes a diagnostic assortment of low vision aids along with training and consultative support.

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Mobilux® LED

- Illuminated hand-held magnifiers with distortion-free lens
- Bright, even illumination provided by SMD LED and collimation optics
- Features loop hole in handle for lanyard (not included)
- Color temperature and light intensity can be selected by attaching one of the three filters supplied (orange, yellow and clear)
- LED light does not require changing and has a service life of approx. 50,000 hours and is brighter than other brands (see chart below)
- The battery life is up to 10 times longer in comparison to a conventional light
- Batteries are easy to change with easy to open cover
- Defined focusing distance: in the case of all aspheric magnifiers and reading magnifiers from Eschenbach Optik the focusing distance (ie: distance from the eye to the virtual image) is precisely 400 mm. The image can therefore be seen clearly with readers which have an addition of +2.50D.
- Protective lens case included

SPECIFICATIONS

- Illumination: SMD LED
- Lens Type: Aspheric
- Lens Material: PXMi® plastic
- Lens Coating: cera-tec® coating
- Power Source: 2 AA batteries (included)
- Mount: Ergonomic with easy on/off switch
- Warranty: Limited lifetime warranty
- Accessories: Mobase stands available separately (1511-00x)
- Miscellaneous: 9-pc. Display available - see display section

<table>
<thead>
<tr>
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<th>Diopter</th>
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<tbody>
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<td>8</td>
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<tr>
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<td>60 mm</td>
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<td>12</td>
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<tr>
<td>1511-3</td>
<td>75 x 50 mm</td>
<td>3.5x *</td>
<td>10</td>
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<tr>
<td>1511-4</td>
<td>75 x 50 mm</td>
<td>4.0x **</td>
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<td>5.0x</td>
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<td>1511-12</td>
<td>35 mm</td>
<td>12.5x</td>
<td>50</td>
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</tbody>
</table>

* Commercial magnification
** Diffractive aspheric lens without cera-tec® coating
Mobase

- High quality stand for Mobilux® LED magnifiers
- Can be used in two positions: laid flat for reading or in upright position for hands-free tasks
- Individually designed to ensure the exact viewing distance for each Mobilux® LED magnifier
- Easy conversion from hand-held to stand use

Four different Mobase designs available for all nine Mobilux® LED models:

- 1511-001
- 1511-002
- 1511-003
- 1511-004

The magnifications of the Mobilux® LED magnifiers for which each stand is designed for are printed on each Mobase stand.

SPECIFICATIONS

- Mount: Black sturdy plastic
- Warranty: Limited 1 Year
- Accessories: Tripod available (MATF-10C)

<table>
<thead>
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<th>Item</th>
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<td>1511-002</td>
<td>1511-5, 1511-6</td>
<td>5.0x, 6.0x</td>
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<td>1511-003</td>
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<td>1511-004</td>
<td>1511-10, 1511-12</td>
<td>10.0x, 12.5x</td>
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</tbody>
</table>

Special feature of Mobase 1511-003:
This stand has an additional 1/4” thread in its base. This enables it to be screwed onto a standard flexible tripod (MATF-10C available). The stand enables you to freely adjust the distance of use and it can be used with all Mobilux® LED magnifiers.
EasyPOCKET

- Compact hand-held magnifier with illumination
- Light turns on when device is opened
- Diffractive/aspheric, ultra-thin lens
- Illumination: bright, super-flat SMD-LED
- Glass fiber reinforced plastic case (black, silver and blue)

EasyPOCKET XL

- Compact hand-held magnifier with fold-out stand and illumination
- Light turns on when device is opened
- Diffractive/aspheric, ultra-thin lens
- A flip-out stand enables it to be used as a stand magnifier
- Large illuminated field of view
- Illumination: bright, super-flat SMD-LED
- Glass fiber reinforced plastic case (black or silver)

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Item</th>
<th>Color</th>
<th>Dimensions</th>
<th>Magnification</th>
<th>Diopter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1521-10</td>
<td>Black</td>
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<tr>
<td>1521-11</td>
<td>Silver</td>
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<tr>
<td>1521-22</td>
<td>Blue</td>
<td>50 x 45 mm</td>
<td>4.0x</td>
<td>16</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS**

- Illumination: SMD LED
- Lens Type: Diffractive/aspheric hybrid
- Lens Material: PXM® plastic
- Power Source: Flat button battery CR2025 (2)
- Lens Size: 50 mm x 45 mm x 6 mm
- Warranty: Limited lifetime warranty
- Miscellaneous: 10-pc. Display available - see display section

**Table:**

<table>
<thead>
<tr>
<th>Item</th>
<th>Color</th>
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<th>Magnification</th>
<th>Diopter</th>
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<tbody>
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<td>78 x 50 mm</td>
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</tr>
<tr>
<td>1522-11</td>
<td>Silver</td>
<td>78 x 50 mm</td>
<td>2.5x</td>
<td>6</td>
</tr>
</tbody>
</table>

Can also be used as a stand magnifier.
**Mobilux® ECONOMY**

- Illuminated hand-held magnifier with easy-to-use on/off switch
- Provides distortion-free image and edge-to-edge sharpness
- Batteries are easy to change – when the battery compartment is opened, the upper and lower sections of the housing remain connected via a hinge and can be easily closed again
- Bulb: Incandescent bulb 2.5 V, 250 mA, E10
- Defined focusing distance: in the case of all aspheric magnifiers and reading magnifiers from Eschenbach Optik the focusing distance (aE: distance from the eye to the virtual image) is precisely 400 mm. The image can therefore be seen clearly with readers which have an addition of +2.50D.

**SPECIFICATIONS**

- Lens Type: Aspheric
- Lens Material: PXM® plastic
- Power Source: 2 AA batteries (included)
- Mount: High grade white plastic handle
- Warranty: Limited 1 Year

<table>
<thead>
<tr>
<th>Item</th>
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<th>Diopter</th>
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<td>1510-3</td>
<td>75 x 50 mm</td>
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<td>1510-5</td>
<td>58 mm</td>
<td>5.0x</td>
<td>20</td>
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</tr>
<tr>
<td>1510-10</td>
<td>35 mm</td>
<td>10.0x</td>
<td>38</td>
</tr>
</tbody>
</table>

**Accessories:**
- Drawstring pouch available for safely storing the magnifiers (1500-2)

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**ASPHERIC**

**Aspheric II**

- Ergonomic handle for comfortable grip with slide-out loop hole
- Provides distortion-free viewing and large visual field
- Particularly suitable for reading and looking at pictures with adequate ambient lighting
- Around-the-neck cord included

**SPECIFICATIONS**

- Lens Type: Aspheric
- Lens Material: PXM® plastic
- Lens Coating: cera-tec® coating
- Mount: Black matte plastic handle
- Warranty: Limited lifetime warranty

**Accessories:**
- Black leather case. Item numbers for the corresponding cases shown in the table.

<table>
<thead>
<tr>
<th>Item</th>
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<tr>
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<tr>
<td>2655-750</td>
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<td>2855-750</td>
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<td>2655-150</td>
<td>100 x 50 mm</td>
<td>3.0x</td>
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<td>2855-150</td>
</tr>
<tr>
<td>2655-175</td>
<td>100 x 75 mm</td>
<td>2.8x</td>
<td>7</td>
<td>2855-175</td>
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</table>
**APLANATIC**

- Lens Type: Aplanatic
- Lens Material: PXM® plastic
- Lens Coating: DUPLEX
- Mount: High grade ABS plastic
- Warranty: Limited lifetime warranty
- Accessories: Case can be ordered separately (1500-2)

<table>
<thead>
<tr>
<th>Item</th>
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<th>Diopter</th>
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<td>11.3</td>
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<td>2668-75</td>
<td>75 mm</td>
<td>2.9x</td>
<td>7.4</td>
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<td>2668-85</td>
<td>85 mm</td>
<td>2.4x</td>
<td>5.6</td>
</tr>
<tr>
<td>2668-950</td>
<td>90 x 50 mm</td>
<td>2.7x</td>
<td>7</td>
</tr>
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</table>

**SPECIFICATIONS**

- Lens Type: Aplanatic
- Lens Material: PXM® plastic
- Lens Coating: DUPLEX
- Mount: High grade ABS plastic
- Warranty: Limited lifetime warranty
- Accessories: Case can be ordered separately (1500-2)

**BICONVEX**

**Economic**

- Lightweight biconvex lens with additional 5x plano-convex lens in the handle
- Black plastic handle with built-in loop hole
- Transparent mount for shadow free viewing
- DUPLEX coating prevents fogging of the lenses
- Around-the-neck cord included

<table>
<thead>
<tr>
<th>Item</th>
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<td>2642-80</td>
<td>80 mm</td>
<td>2.3x</td>
<td>5.4</td>
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<td>100 mm</td>
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<td>2642-120</td>
<td>120 mm</td>
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<td>2642-840</td>
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<td>2642-1255</td>
<td>120 x 55 mm</td>
<td>1.85x</td>
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**SPECIFICATIONS**

- Lens Type: Biconvex
- Lens Material: PXM® plastic
- Lens Coating: DUPLEX
- Mount: High grade plastic
- Warranty: Limited lifetime warranty
- Accessories: Case can be ordered separately (product 2872)
Economy

- Transparent lens frame and handle for maximum light and shadow-free viewing
- Biconvex lens is lightweight and provides distortion-free viewing
- Additional plano-convex bifocal lens with 5x magnification integrated in the handle
- Includes loop hole in handle for carrying cord (not included)

**SPECIFICATIONS**

- Lens Type: Biconvex
- Mount: PXM® plastic
- Warranty: Limited lifetime warranty
- Miscellaneous: 12-pc. Display available - see display section

<table>
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<th>Item</th>
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<td>2612-807</td>
<td>80 mm</td>
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<td>2612-9507</td>
<td>90 x 50 mm</td>
<td>2.0x</td>
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</table>

Visomed

- Transparent lens frame for shadow-free viewing
- Large field of view with low magnification
- High-grade ABS white plastic handle

**SPECIFICATIONS**

- Lens Type: Biconvex
- Mount: PXM® plastic
- Warranty: Limited lifetime warranty
- Accessories: Optional black leather cases available (2872)

<table>
<thead>
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<td>5.3</td>
<td>2872-80</td>
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<tr>
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<td>2614-150</td>
<td>100 x 50 mm</td>
<td>2.0x</td>
<td>3.9</td>
<td>2872-150</td>
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</table>
HAND/STAND COMBINATION

Visoflex

- Multi-functional design converts from a hand-held, to stand, or hands-free magnifier
- A stand magnifier with an inclined view is created by opening out the handle ends; a stand magnifier with a straight view can be created by rotating the handle ends apart and then folding the handle ends in towards each other

SPECIFICATIONS

- Lens Type: Biconvex
- Lens Material: PXM® Plastic
- Lens Size: 60 mm
- Mount: ABS plastic
- Warranty: Limited lifetime warranty

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<td>2050-1</td>
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</table>

CombiPLUS

- Offers two magnifiers in one - hand-held and stand
- Unfold the metal legs to create a fixed stand
- Fold-out metal legs can be tilted for a more comfortable viewing angle

SPECIFICATIONS

- Lens Type: Aspheric
- Lens Material: PXM® plastic
- Lens Coating: cera-tec® coating
- Mount: White/black plastic
- Warranty: Limited lifetime warranty

<table>
<thead>
<tr>
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<td>2031</td>
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<td>2032</td>
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<td>2036</td>
<td>100 x 50 mm</td>
<td>2.6x</td>
<td>6</td>
</tr>
</tbody>
</table>
FOLDING POCKET

VisoPOCKET

- Ultra-thin lens (2 mm thick)
- Compact fold-out design
- Wide field of view
- High quality built-in leather case
- Case Dimensions: 85 mm x 54 mm x 7 mm
- Available in three case colors: Bordeaux, Black and Brown

SPECIFICATIONS

- Lens Type: Diffractive aspheric
- Lens Material: PXM® plastic
- Warranty: Limited lifetime warranty
- Miscellaneous: 10-pc. Display available - see display section

<table>
<thead>
<tr>
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<th>Color</th>
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<td>1721-16</td>
<td>74 x 48 mm</td>
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<td>Bordeaux/Red</td>
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<td>1721-46</td>
<td>74 x 48 mm</td>
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<td>6</td>
<td>Brown</td>
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<td>1721-56</td>
<td>74 x 48 mm</td>
<td>2.5x</td>
<td>6</td>
<td>Black</td>
</tr>
</tbody>
</table>

Magno

- Compact fold-out design
- Protective built-in leather case
- Available in two case colors: Blue and Silver

SPECIFICATIONS

- Lens Type: Biconvex
- Lens Material: PXM® plastic
- Warranty: Limited lifetime warranty

<table>
<thead>
<tr>
<th>Item</th>
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<th>Color</th>
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<td>Silver</td>
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<tr>
<td>1730-331</td>
<td>45 mm</td>
<td>3.5x</td>
<td>10</td>
<td>Blue</td>
</tr>
</tbody>
</table>
Classical

- High magnification folding pocket magnifiers
- Built-in protective leather case
- Available in four case colors and three lens sizes
- Super DUPLEX coating prevents fogging of the lenses with an additional hard coating

**SPECIFICATIONS**

- Lens Type: Biconvex
- Lens Material: PXM® plastic
- Lens Coating: Super DUPLEX
- Warranty: Limited lifetime warranty

<table>
<thead>
<tr>
<th>Item</th>
<th>Color</th>
<th>Magnification</th>
<th>Dimensions</th>
<th>Diopter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1710-14</td>
<td>Burgundy/Red</td>
<td>6.0x</td>
<td>30 mm</td>
<td>24</td>
</tr>
<tr>
<td>1710-150</td>
<td>Burgundy/Red</td>
<td>3.5x</td>
<td>50 mm</td>
<td>10</td>
</tr>
<tr>
<td>1710-160</td>
<td>Burgundy/Red</td>
<td>3.5x</td>
<td>60 mm</td>
<td>10</td>
</tr>
<tr>
<td>1710-250</td>
<td>Pine Green</td>
<td>3.5x</td>
<td>50 mm</td>
<td>10</td>
</tr>
<tr>
<td>1712-260</td>
<td>Pine Green</td>
<td>3.5x</td>
<td>60 mm</td>
<td>10</td>
</tr>
<tr>
<td>1712-450</td>
<td>Brown</td>
<td>3.5x</td>
<td>50 mm</td>
<td>10</td>
</tr>
<tr>
<td>1712-460</td>
<td>Brown</td>
<td>3.5x</td>
<td>60 mm</td>
<td>10</td>
</tr>
<tr>
<td>1710-530</td>
<td>Black</td>
<td>6.0x</td>
<td>30 mm</td>
<td>24</td>
</tr>
<tr>
<td>1710-550</td>
<td>Black</td>
<td>3.5x</td>
<td>50 mm</td>
<td>10</td>
</tr>
<tr>
<td>1710-560</td>
<td>Black</td>
<td>3.5x</td>
<td>60 mm</td>
<td>10</td>
</tr>
<tr>
<td>1712-150</td>
<td>Maroon</td>
<td>3.5x</td>
<td>50 mm</td>
<td>10</td>
</tr>
<tr>
<td>1712-160</td>
<td>Maroon</td>
<td>3.5x</td>
<td>60 mm</td>
<td>10</td>
</tr>
<tr>
<td>1712-550</td>
<td>Black</td>
<td>3.5x</td>
<td>50 mm</td>
<td>10</td>
</tr>
<tr>
<td>1712-560</td>
<td>Black</td>
<td>3.5x</td>
<td>60 mm</td>
<td>10</td>
</tr>
<tr>
<td>1712-850</td>
<td>Tan</td>
<td>3.5x</td>
<td>50 mm</td>
<td>10</td>
</tr>
<tr>
<td>1712-860</td>
<td>Tan</td>
<td>3.5x</td>
<td>60 mm</td>
<td>10</td>
</tr>
<tr>
<td>1710-4</td>
<td>Burgundy/Red</td>
<td>3.5x</td>
<td>50 mm</td>
<td>10</td>
</tr>
<tr>
<td>1710-7</td>
<td>Burgundy/Red</td>
<td>3.5x</td>
<td>60 mm</td>
<td>10</td>
</tr>
<tr>
<td>1710-910</td>
<td>White</td>
<td>10.0x</td>
<td>38</td>
<td></td>
</tr>
<tr>
<td>1520-94</td>
<td>White</td>
<td>4.0x</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>1520-97</td>
<td>White</td>
<td>4.0x</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>1520-910</td>
<td>White</td>
<td>7.0x</td>
<td>28</td>
<td></td>
</tr>
<tr>
<td>1520-97</td>
<td>White</td>
<td>7.0x</td>
<td>28</td>
<td></td>
</tr>
<tr>
<td>1520-910</td>
<td>White</td>
<td>10.0x</td>
<td>38</td>
<td></td>
</tr>
</tbody>
</table>

**HAND-HELD MAGNIFIERS**

**Mobilent / Mobilent LED**

- High magnification folding pocket magnifiers
- Built-in plastic case encloses the lens and keeps it protected
- Around-the-neck cord included with Mobilent / lanyard included with Mobilent LED
- Mobilent (1710) available in three case colors, Mobilent LED (1520) in White only
- Eye-to-lens distance printed on case

**SPECIFICATIONS**

- Illumination: SMD LED (1520 Mobilent LED Only)
- Lens Type: Bi-Aspheric
- Lens Material: PXM® plastic
- Warranty: Limited lifetime warranty

<table>
<thead>
<tr>
<th>Item</th>
<th>Color</th>
<th>Magnification</th>
<th>Dimensions</th>
<th>Diopter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1710-14</td>
<td>Red</td>
<td>4.0x</td>
<td>35 mm</td>
<td>16</td>
</tr>
<tr>
<td>1710-67</td>
<td>Black</td>
<td>7.0x</td>
<td>35 mm</td>
<td>28</td>
</tr>
<tr>
<td>1710-910</td>
<td>White</td>
<td>10.0x</td>
<td>35 mm</td>
<td>38</td>
</tr>
<tr>
<td>1520-94</td>
<td>White</td>
<td>4.0x</td>
<td>35 mm</td>
<td>16</td>
</tr>
<tr>
<td>1520-97</td>
<td>White</td>
<td>7.0x</td>
<td>35 mm</td>
<td>28</td>
</tr>
<tr>
<td>1520-910</td>
<td>White</td>
<td>10.0x</td>
<td>35 mm</td>
<td>38</td>
</tr>
</tbody>
</table>
Designo

- Sliding case provides optimum lens protection
- Built-in black plastic case

**SPECIFICATIONS**

- Lens Type: Biconvex
- Lens Material: PXM® plastic
- Mount: ABS plastic
- Warranty: Limited lifetime warranty

<table>
<thead>
<tr>
<th>Item</th>
<th>Dimensions</th>
<th>Magnification</th>
<th>Diopter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1711</td>
<td>30 mm</td>
<td>5.0x</td>
<td>20</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS**

- Lens Type: Biconvex
- Lens Material: PXM® plastic
- Mount: PXM® plastic
- Warranty: Limited 1 Year

<table>
<thead>
<tr>
<th>Item</th>
<th>Color</th>
<th>Dimensions</th>
<th>Magnification</th>
<th>Diopter</th>
</tr>
</thead>
<tbody>
<tr>
<td>2677</td>
<td>Gold</td>
<td>100 mm</td>
<td>2.0x</td>
<td>3.2</td>
</tr>
<tr>
<td>2678</td>
<td>Chrome</td>
<td>100 x 140/35 mm</td>
<td>2.0x/4.0x</td>
<td>2.6/11.2</td>
</tr>
</tbody>
</table>

PENDANT

- Metal frame and handle have an elegant finish
- Available in a gold-plated or chrome-plated
- Around-the-neck 32” chain included

<table>
<thead>
<tr>
<th>Item</th>
<th>Color</th>
<th>Dimensions</th>
<th>Magnification</th>
<th>Diopter</th>
</tr>
</thead>
<tbody>
<tr>
<td>2136-1</td>
<td>Gold</td>
<td>40 mm</td>
<td>3.5x</td>
<td>10</td>
</tr>
<tr>
<td>2136-2</td>
<td>Chrome</td>
<td>40 mm</td>
<td>3.5x</td>
<td>10</td>
</tr>
</tbody>
</table>

AROUND-THE-NECK

Economy/MaxiPLUS

- Allows for hands-free tasks such as knitting
- Transparent frame for shadow-free magnification
- Additional built-in 35 mm lens with 4x magnification for particularly detailed work (2678 only)
- Non-slip foam rubber pads on the feet
- Around-the-neck cord included

<table>
<thead>
<tr>
<th>Item</th>
<th>Dimensions</th>
<th>Magnification</th>
<th>Diopter</th>
</tr>
</thead>
<tbody>
<tr>
<td>2677</td>
<td>100 mm</td>
<td>2.0x</td>
<td>3.2</td>
</tr>
<tr>
<td>2678</td>
<td>100 x 140/35 mm</td>
<td>2.0x/4.0x</td>
<td>2.6/11.2</td>
</tr>
</tbody>
</table>
**ILLUMINATED**

**Scribolux**
- Large, tilted lens design provides a wide field of view
- Lens is 3 in. above the surface - allows for writing underneath
- Bright, even and glare-free illumination
- Push-button switch for easy on/off operation
- Automatic shut-off function after 30 minutes to avoid unnecessary power consumption
- The focusing distance (distance from the eye to the virtual image) is precisely 400 mm. The image can therefore be seen clearly with readers which have an addition of +2.50D.
- Microfiber pouch included (pouch can also be used for cleaning the lens)

**SPECIFICATIONS**
- Illumination: SMD LED
- Lens Type: Aspheric
- Lens Material: PXM® plastic
- Lens Coating: cera-tec® coating
- Power Source: 3 AA batteries (Included)
- Mount: Silver ABS plastic
- Warranty: Limited lifetime warranty
- Miscellaneous: Display available - see display section

<table>
<thead>
<tr>
<th>Item</th>
<th>Dimensions</th>
<th>Magnification</th>
<th>Diopter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1565-12</td>
<td>100 x 75 mm</td>
<td>2.8x</td>
<td>7</td>
</tr>
</tbody>
</table>

**Accessories:**
Protective hard foam case available (1565-1209)

---

**Visolux+**
- Large, tilted lens design provides a wide field of view
- Even, bright and glare-free illumination provided by two SMD LEDs
- Provides two light options: bright white or soft orange (orange filter slides over LED - see images on right)
- Automatic shut-off function after 30 minutes to avoid unnecessary power consumption
- Hard foam case included

**SPECIFICATIONS**
- Illumination: SMD LED
- Lens Type: Double lens system (Meniscus/Aspheric)
- Lens Material: PXM® plastic
- Lens Coating: cera-tec® coating
- Power Source: 3 AA batteries (included)
- Warranty: Limited lifetime warranty
- Miscellaneous: Display available - see display section

<table>
<thead>
<tr>
<th>Item</th>
<th>Dimensions</th>
<th>Magnification</th>
<th>Diopter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1566</td>
<td>100 x 75 mm</td>
<td>3.0x</td>
<td>12</td>
</tr>
</tbody>
</table>

**Provides 2 Illumination Options**
**Powerlux**

- Ergonomic design with award winning shape
- Easy orientation, can be used by right and left handers
- Available in 2 color temperatures: warm yellow or cool blue
- Push-button switch for easy on/off operation
- 2 SMD LEDs are positioned opposite each other to provide shadow-free illumination
- Economical power consumption due to automatic shut-off function which turns the light off after 30 minutes
- Protective hard foam case included

---

**SPECIFICATIONS**

- **Illumination:** SMD LED
- **Lens Type:** Aspheric
- **Lens Material:** PXM® plastic
- **Lens Coating:** cera-tec® coating
- **Power Source:** 3 AA batteries (included)
- **Warranty:** Limited lifetime warranty
- **Miscellaneous:** Display available - see display section

<table>
<thead>
<tr>
<th>Item</th>
<th>Dimensions</th>
<th>Color Temp.</th>
<th>Magnification</th>
<th>Diopter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1586-14</td>
<td>58 mm</td>
<td>8,000 K</td>
<td>3.5x</td>
<td>14</td>
</tr>
<tr>
<td>1586-141</td>
<td>58 mm</td>
<td>3,000 K</td>
<td>3.5x</td>
<td>14</td>
</tr>
<tr>
<td>1586-20</td>
<td>58 mm</td>
<td>8,000 K</td>
<td>5.0x</td>
<td>20</td>
</tr>
<tr>
<td>1586-201</td>
<td>58 mm</td>
<td>3,000 K</td>
<td>5.0x</td>
<td>20</td>
</tr>
<tr>
<td>1586-28</td>
<td>58 mm</td>
<td>8,000 K</td>
<td>7.0x</td>
<td>28</td>
</tr>
<tr>
<td>1586-281</td>
<td>58 mm</td>
<td>3,000 K</td>
<td>7.0x</td>
<td>28</td>
</tr>
</tbody>
</table>

---

**Visomax**

- Open base design for writing underneath
- Large, rectangular lens rotates 180 degrees
- Features a 7D lens with additional 4D lens attached underneath for an even larger visual field (can be removed)
- Transparent plastic base for bright viewing
- Can be used with the 2606 bar magnifier for 5.6x total magnification (see page 20)

**SPECIFICATIONS**

- **Lens Type:** Aspheric
- **Lens Material:** PXM® plastic
- **Lens Coating:** cera-tec® coating
- **Warranty:** Limited lifetime warranty

<table>
<thead>
<tr>
<th>Item</th>
<th>Dimensions</th>
<th>Magnification</th>
<th>Diopter</th>
<th>Mag. Without Additional Lens</th>
</tr>
</thead>
<tbody>
<tr>
<td>2636-11</td>
<td>100 x 75 mm</td>
<td>3.8x</td>
<td>11</td>
<td>2.8x/7.0 D</td>
</tr>
</tbody>
</table>
System VarioPLUS

- Magnifier head and handle ordered separately
- Details relating to magnification/diopter and value/recommended eye-lens distance printed on all magnifier heads
- Bright, even illumination is provided by enclosed magnifier head design
- To achieve a uniform reading distance, the System VarioPLUS can be used with a reading stand (Item 1605, page 62)

SPECIFICATIONS

- Lens Type: Aspheric
- Lens Material: PXM® plastic
- Lens Coating: cera-tec® coating
- Power Source: 2 “C” Batteries for handles (not included)
- Mount: High grade white plastic
- Warranty: Limited lifetime warranty

Illuminated handle, LED:
- LED illumination, unlimited life, does not require changing
- Attachable filters provide three different color temperatures
- Step-up converter for even, consistently bright illumination
- Retractable leg for stability

Illuminated handle, Incandescent:
- Incandescent filament bulb (1545 replacement bulb)
- Retractable leg for stability

| Attachable Scale (1/5 mm and 1.64 in.): Included with 1550-73 |
| Flip-up Reading Line: Included on 1553-93, 1554-93, 1559-93 |
| Flip-up Yellow Lens (4D): Included on 1580-63, 1582-63 |
## System VarioPLUS

<table>
<thead>
<tr>
<th>Item</th>
<th>Product</th>
<th>Dimensions</th>
<th>Magnification</th>
<th>Diopter</th>
<th>Additional features</th>
<th>Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>1559-93</td>
<td>Round Head</td>
<td>80 mm</td>
<td>3.0x</td>
<td>12</td>
<td>With retractable red reading line</td>
<td>1560-2</td>
</tr>
<tr>
<td>1554-93</td>
<td>Round Head</td>
<td>70 mm</td>
<td>4.0x</td>
<td>16</td>
<td>With retractable red reading line</td>
<td>1560-2</td>
</tr>
<tr>
<td>1553-93</td>
<td>Round Head</td>
<td>58 mm</td>
<td>5.0x</td>
<td>20</td>
<td>With retractable red reading line</td>
<td>1560-2</td>
</tr>
<tr>
<td>1552-73</td>
<td>Round Head</td>
<td>50 mm</td>
<td>6.0x</td>
<td>24</td>
<td>–</td>
<td>1560-1</td>
</tr>
<tr>
<td>1551-73</td>
<td>Round Head</td>
<td>35 mm</td>
<td>7.0x</td>
<td>28</td>
<td>–</td>
<td>1560-1</td>
</tr>
<tr>
<td>1550-73</td>
<td>Round Head</td>
<td>35 mm</td>
<td>10.0x</td>
<td>38</td>
<td>Incl. attachable measurement scale, graduation 0.5 mm and 1/64 inch</td>
<td>1560-1</td>
</tr>
<tr>
<td>1557-73</td>
<td>Round Head</td>
<td>35 mm</td>
<td>12.5x</td>
<td>50</td>
<td>–</td>
<td>1560-1</td>
</tr>
<tr>
<td>1582-63</td>
<td>Rectangular Head</td>
<td>100 x 75 mm</td>
<td>2.8x</td>
<td>7</td>
<td>With additional flip-up yellow lens (4D). 450 nm-cut-off filter and ergonomic, tiltable magnifier head</td>
<td>1560-3</td>
</tr>
<tr>
<td>1580-63</td>
<td>Rectangular Head</td>
<td>100 x 50 mm</td>
<td>3.0x</td>
<td>7.6</td>
<td>With additional flip-up yellow lens (4D). 450 nm-cut-off filter and ergonomic, tiltable magnifier head</td>
<td>1560-3</td>
</tr>
<tr>
<td>1581-73</td>
<td>Rectangular Head</td>
<td>100 x 50 mm</td>
<td>3.9x</td>
<td>11.4</td>
<td>Aplanatic</td>
<td>1560-3</td>
</tr>
<tr>
<td>1599-144</td>
<td>LED Handle</td>
<td>150 x 35</td>
<td>-</td>
<td>-</td>
<td>2x LEDs</td>
<td>-</td>
</tr>
<tr>
<td>1599-10</td>
<td>Incandescent Handle</td>
<td>150 x 35</td>
<td>-</td>
<td>-</td>
<td>2.5v Incandescent bulb</td>
<td>-</td>
</tr>
</tbody>
</table>

For technical information please refer to page 78.

### Accessories:
- **Case**
  - 1560-1
  - 1560-2
  - 1560-3

1599-144 + 1580-63
LED handle with lens head attached
Menas ZOOM

- Adjustable magnification in increments of 2.2x, 2.5x, 2.8x, 3.1x, and 3.4x
- Distortion-free images with edge-to-edge sharpness
- Twist lens upwards to increase magnification
- Large eye-to-lens distance with a wide field of view
- Magnification point indicator on top of magnifier
- Draw string pouch included (pouch can also be used for cleaning the lens)

SPECIFICATIONS

- Lens Type: Meniscus/Aspheric
- Lens Material: PXM® plastic
- Power Source: 1 AA battery (included)
- Mount: Silver ABS plastic
- Warranty: Limited lifetime warranty

<table>
<thead>
<tr>
<th>Item</th>
<th>Dimensions</th>
<th>Magnification</th>
</tr>
</thead>
<tbody>
<tr>
<td>1438-8</td>
<td>65 mm</td>
<td>2.2x-3.4x</td>
</tr>
</tbody>
</table>

Menas LUX

- Illuminated stand magnifier with large eye-to-eye lens distance
- Push-button switch for easy on/off operation
- Step-up converter provides constant brightness over the lifetime of the battery
- Distortion-free image with edge-to-edge sharpness
- Ultra-flat design with a large field of view
- Height 1.8 in (45 mm)
- Draw string pouch included (pouch can also be used for cleaning the lens)

SPECIFICATIONS

- Illumination: SMD LED
- Lens Type: Meniscus/aspheric
- Lens Material: PXM® plastic
- Power Source: 1 AA battery (included)
- Mount: Silver ABS plastic
- Warranty: Limited lifetime warranty

<table>
<thead>
<tr>
<th>Item</th>
<th>Dimensions</th>
<th>Magnification</th>
</tr>
</thead>
<tbody>
<tr>
<td>1438-30</td>
<td>63 mm</td>
<td>3.0x</td>
</tr>
</tbody>
</table>
**Makrolux**

- Extra wide lens covers a whole newspaper column
- Tilted lens for comfortable reading position
- Ridges on bottom keep lens 1 mm off reading surface to prevent scratches
- Push-button light switch for easy on/off operation
- Automatic shut-off function after 30 minutes to avoid unnecessary power consumption
- Includes bright LED illumination
- Microfiber pouch included (pouch can also be used for cleaning the lens)

**SPECIFICATIONS**

- **Illumination:** SMD LED
- **Lens Type:** Aspheric
- **Lens Material:** PXM® plastic
- **Power Source:** 3 AA batteries (included)
- **Mount:** Silver ABS plastic and a matte edge
- **Warranty:** Limited lifetime warranty
- **Miscellaneous:** Display available - see display section

<table>
<thead>
<tr>
<th>Item</th>
<th>Dimensions</th>
<th>Magnification</th>
</tr>
</thead>
<tbody>
<tr>
<td>1436-11</td>
<td>90 x 55 x 82 mm</td>
<td>2.2x</td>
</tr>
<tr>
<td>1436-21</td>
<td>90 x 63 x 90 mm</td>
<td>3.6x</td>
</tr>
</tbody>
</table>

---

**MakroPLUS Aspheric**

- Thin rectangular design ideal for reading print
- Tilted lens for comfortable reading position
- Ridges on bottom keep lens 1mm off the reading surface to prevent scratches
- 1436 lens is wide enough to view a full newspaper column

**SPECIFICATIONS**

- **Lens Type:** Aspheric
- **Lens Material:** PXM® plastic
- **Mount:** Matte edge
- **Warranty:** Limited lifetime warranty

<table>
<thead>
<tr>
<th>Item</th>
<th>Dimensions</th>
<th>Magnification</th>
</tr>
</thead>
<tbody>
<tr>
<td>1426</td>
<td>65 x 36 x 46 mm</td>
<td>1.8x</td>
</tr>
<tr>
<td>1436</td>
<td>90 x 35 x 70 mm</td>
<td>2.2x</td>
</tr>
</tbody>
</table>
Dome

- Image has double the surface brightness in comparison to ambient light conditions
- Durable, scratch-resistant glass lenses (1420, 1421)
- Combination of a dome magnifier and reading glasses doubles the magnification at the same reading distance
- Draw string pouch included (pouch can also be used for cleaning the lens)

**SPECIFICATIONS**

- Lens Type: Planoconvex
- Lens Material: Optical quality glass (1420, 1421)/PXM® plastic (1424 only)
- Mount: Black plastic (1421, 1424)
- Warranty: Limited lifetime warranty

<table>
<thead>
<tr>
<th>Item</th>
<th>Dimensions</th>
<th>Magnification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1420</td>
<td>65 mm</td>
<td>1.8x</td>
<td>Glass lens</td>
</tr>
<tr>
<td>1421</td>
<td>65 mm</td>
<td>1.8x</td>
<td>Red guide line included (removable) - Glass lens</td>
</tr>
<tr>
<td>1424</td>
<td>45 mm</td>
<td>1.8x</td>
<td>PXM® Plastic lens</td>
</tr>
</tbody>
</table>

BAR MAGNIFIERS

- Elongated lens design is ideal for reading rows of text
- Magnifying rulers only magnify in one direction, the height of the letters is therefore increased but the width remains the same
- Red line guide included for orientation

**SPECIFICATIONS**

- Lens Type: Planoconvex
- Lens Material: PXM® plastic
- Warranty: Limited lifetime warranty

<table>
<thead>
<tr>
<th>Item</th>
<th>Dimensions</th>
<th>Magnification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>2605</td>
<td>200 x 25 mm</td>
<td>1.8x</td>
<td>Grip bar</td>
</tr>
<tr>
<td>2606</td>
<td>122 x 26 mm</td>
<td>2.0x</td>
<td>Higher magnification due to aspheric surface Scratch-resistant underside Can be used with Visomax (2636-11)</td>
</tr>
<tr>
<td>2608</td>
<td>250 x 35 mm</td>
<td>1.8x</td>
<td></td>
</tr>
</tbody>
</table>
**VarioLED Flex**

- Provides a distortion-free image with edge-to-edge sharpness
- Ring of 63 SMD LEDs provide shadow-free illumination
- Switch between ring illumination (full) and segment (partial) illumination for examining surfaces
- Illumination level: approx. 6,000 lx (at a working distance of 150 mm)
- Ergonomic handle with push button on/off light switch
- 2 options available, 14 in. and 22.6 in. arm length
- Gooseneck design with optimum swivel range
- Microfiber pouch to cover lens included (pouch can also be used for cleaning the lens)

**SPECIFICATIONS**

- Illumination: SMD LED
- Lens Type: Aspheric
- Lens Material: PMX® plastic
- Lens Coating: cera-tec® coating
- Power Source: Electric (8 ft. cord)
- Mount: Plastic
- Arm: 14 in. (2781) / 22.6 in. (2781-5) flexible gooseneck
- Base: Table clamp included, attaches to tables up to 60 mm thick (optional table base available)
- Warranty: Limited 1 Year

**Accessories:**

**2781-9 Table Base**
- Steel, black finish, weight 5 lbs. 2 oz.
- 5 in. diameter with bottom rubber grip

---

**VarioMAXI**

- Features the largest lens in the world
- Provides a full page size field of view
- Swivel range of magnifier head: vertical ±90°, radial ±90°
- Lamp can be variably positioned by adjusting the jointed arm
- Easy-to-use on/off light switch on top of magnifier
- 13-watt fluorescent light bulb included (2771-841), optional yellow bulb available (2771-827)
- Table clamp and protective dust cover included

**SPECIFICATIONS**

- Illumination: Fluorescent
- Lens Type: Aspheric
- Lens Material: PMX® plastic
- Lens Coating: cera-tec® coating
- Power Source: Electric (6 ft. cable length)
- Mount: High grade white plastic
- Lens-to-Image Distance: 7.87 in.
- Arm: Extends up to 36”
- Base: Table clamp included, attached to table 18-74mm thick
- Warranty: Limited 1 Year
ILLUMINATED

LightSpecs®

- Features LED illumination and high-powered magnification
- Powered by two flat button-sized batteries that are pre-installed and last up to 50 hours
- Each pair includes an LED on each temple that can be individually activated with an on/off light switch inside of the temple
- Available in two unisex frame styles, Liberty and Lindy
- Seven different magnifications available, up to +5.00D
- Protective black case with four extra batteries included

SPECIFICATIONS

- Illumination: LED
- Lens Type: Single vision
- Lens Material: Polycarbonate
- Lens Coating: Scratch resistant coating
- Frame Material: Plastic
- Power Source: 2 flat-button Batteries (CR1632)
- Rx-able: Yes
- Warranty: Limited 1 Year
- Miscellaneous: Display available - see display section

FRAMES

<table>
<thead>
<tr>
<th>Name</th>
<th>Frame Size</th>
<th>Bridge Size</th>
<th>Temple Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liberty</td>
<td>50 mm</td>
<td>19 mm</td>
<td>152 mm</td>
<td>Black or Tortoise, rectangular frame style</td>
</tr>
<tr>
<td>Lindy</td>
<td>50 mm</td>
<td>17 mm</td>
<td>148 mm</td>
<td>Tortoise only, oval frame style</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Color</th>
<th>Diopter</th>
<th>Frame</th>
</tr>
</thead>
<tbody>
<tr>
<td>FGX-1011356-150</td>
<td>Black</td>
<td>+1.50</td>
<td>Liberty</td>
</tr>
<tr>
<td>FGX-1011356-200</td>
<td>Black</td>
<td>+2.00</td>
<td>Liberty</td>
</tr>
<tr>
<td>FGX-1011356-250</td>
<td>Black</td>
<td>+2.50</td>
<td>Liberty</td>
</tr>
<tr>
<td>FGX-1011356-300</td>
<td>Black</td>
<td>+3.00</td>
<td>Liberty</td>
</tr>
<tr>
<td>FGX-1011356-350</td>
<td>Black</td>
<td>+3.50</td>
<td>Liberty</td>
</tr>
<tr>
<td>FGX-1011356-400</td>
<td>Black</td>
<td>+4.00</td>
<td>Liberty</td>
</tr>
<tr>
<td>FGX-1011356-500</td>
<td>Black</td>
<td>+5.00</td>
<td>Liberty</td>
</tr>
<tr>
<td>FGX-1012188-150</td>
<td>Tortoise</td>
<td>+1.50</td>
<td>Lindy</td>
</tr>
<tr>
<td>FGX-1012188-200</td>
<td>Tortoise</td>
<td>+2.00</td>
<td>Lindy</td>
</tr>
<tr>
<td>FGX-1012188-250</td>
<td>Tortoise</td>
<td>+2.50</td>
<td>Lindy</td>
</tr>
<tr>
<td>FGX-1012188-300</td>
<td>Tortoise</td>
<td>+3.00</td>
<td>Lindy</td>
</tr>
<tr>
<td>FGX-1012188-350</td>
<td>Tortoise</td>
<td>+3.50</td>
<td>Lindy</td>
</tr>
<tr>
<td>FGX-1012188-400</td>
<td>Tortoise</td>
<td>+4.00</td>
<td>Lindy</td>
</tr>
<tr>
<td>FGX-1012188-500</td>
<td>Tortoise</td>
<td>+5.00</td>
<td>Lindy</td>
</tr>
</tbody>
</table>
Miniframe2

- Provides multiple viewing distances in comparison to single vision readers (see diagram on right)
- Strength decreases by 1 diopter from the bottom of the lens to the top of the lens
- Ready-to-wear readers in 5 different powers
- Temple colors available in Gun Metal, Gold, Blue and Red
- Black felt-lined case included

<table>
<thead>
<tr>
<th>Item</th>
<th>Color</th>
<th>Diopter</th>
</tr>
</thead>
<tbody>
<tr>
<td>2905-010</td>
<td>Gun Metal</td>
<td>+1.00</td>
</tr>
<tr>
<td>2905-015</td>
<td>Gun Metal</td>
<td>+1.50</td>
</tr>
<tr>
<td>2905-020</td>
<td>Gun Metal</td>
<td>+2.00</td>
</tr>
<tr>
<td>2905-025</td>
<td>Gun Metal</td>
<td>+2.50</td>
</tr>
<tr>
<td>2905-030</td>
<td>Gun Metal</td>
<td>+3.00</td>
</tr>
</tbody>
</table>

Miniframe2 SUN

- Provides multiple viewing distances in comparison to single vision readers (see diagram on left)
- Ready-to-wear readers with 85% gray tint and 100% UV protection
- Available in 5 different powers
- Strength decreases by 1 diopter from the bottom of the lens to the top of the lens
- Temple colors available in gun metal only
- Black felt-lined case included

<table>
<thead>
<tr>
<th>Item</th>
<th>Color</th>
<th>Diopter</th>
</tr>
</thead>
<tbody>
<tr>
<td>2905-010</td>
<td>Gun Metal</td>
<td>+1.00</td>
</tr>
<tr>
<td>2905-015</td>
<td>Gun Metal</td>
<td>+1.50</td>
</tr>
<tr>
<td>2905-020</td>
<td>Gun Metal</td>
<td>+2.00</td>
</tr>
<tr>
<td>2905-025</td>
<td>Gun Metal</td>
<td>+2.50</td>
</tr>
<tr>
<td>2905-030</td>
<td>Gun Metal</td>
<td>+3.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Color</th>
<th>Diopter</th>
</tr>
</thead>
<tbody>
<tr>
<td>2905-210</td>
<td>Blue</td>
<td>+1.00</td>
</tr>
<tr>
<td>2905-215</td>
<td>Blue</td>
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</tr>
<tr>
<td>2905-225</td>
<td>Blue</td>
<td>+2.50</td>
</tr>
<tr>
<td>2905-230</td>
<td>Blue</td>
<td>+3.00</td>
</tr>
<tr>
<td>2905-310</td>
<td>Red</td>
<td>+1.00</td>
</tr>
<tr>
<td>2905-315</td>
<td>Red</td>
<td>+1.50</td>
</tr>
<tr>
<td>2905-325</td>
<td>Red</td>
<td>+2.50</td>
</tr>
<tr>
<td>2905-330</td>
<td>Red</td>
<td>+3.00</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS**

- Lens Type: Progressive
- Lens Material: PXM® Plastic
- Lens Coating: Surface Coating
- Frame Material: Chrome-plated
- Frame Size: 48 mm
- Bridge Size: 15 mm
- Temple Size: 140 mm
- Warranty: Limited 1 Year
- Miscellaneous: 3-pc. Display available - see display section
MultiFocus

- Ready-to-wear readers that have variable focus lenses
- Strength at top of the lens is approximately half the strength as the bottom of the lens
- Provides multiple working distances in comparison to single vision readers (see diagram on right)
- Available in 4 frame styles: Zera, Charlsie, Wes and James
- Black felt-lined hard case included

<table>
<thead>
<tr>
<th>Item</th>
<th>Color</th>
<th>Diopter</th>
<th>Frame</th>
</tr>
</thead>
<tbody>
<tr>
<td>FGX-1015504-100</td>
<td>Black</td>
<td>+1.00</td>
<td>Zera</td>
</tr>
<tr>
<td>FGX-1015504-150</td>
<td>Black</td>
<td>+1.50</td>
<td>Zera</td>
</tr>
<tr>
<td>FGX-1015504-175</td>
<td>Black</td>
<td>+1.75</td>
<td>Zera</td>
</tr>
<tr>
<td>FGX-1015504-200</td>
<td>Black</td>
<td>+2.00</td>
<td>Zera</td>
</tr>
<tr>
<td>FGX-1015504-250</td>
<td>Black</td>
<td>+2.50</td>
<td>Zera</td>
</tr>
<tr>
<td>FGX-1015504-275</td>
<td>Black</td>
<td>+2.75</td>
<td>Zera</td>
</tr>
<tr>
<td>FGX-1015505-100</td>
<td>Brown</td>
<td>+1.00</td>
<td>Charlsie</td>
</tr>
<tr>
<td>FGX-1015505-150</td>
<td>Brown</td>
<td>+1.50</td>
<td>Charlsie</td>
</tr>
<tr>
<td>FGX-1015505-175</td>
<td>Brown</td>
<td>+1.75</td>
<td>Charlsie</td>
</tr>
<tr>
<td>FGX-1015505-200</td>
<td>Brown</td>
<td>+2.00</td>
<td>Charlsie</td>
</tr>
<tr>
<td>FGX-1015505-250</td>
<td>Brown</td>
<td>+2.50</td>
<td>Charlsie</td>
</tr>
<tr>
<td>FGX-1015505-275</td>
<td>Brown</td>
<td>+2.75</td>
<td>Charlsie</td>
</tr>
<tr>
<td>FGX-1015508-100</td>
<td>Gun Metal</td>
<td>+1.00</td>
<td>Wes</td>
</tr>
<tr>
<td>FGX-1015508-150</td>
<td>Gun Metal</td>
<td>+1.50</td>
<td>Wes</td>
</tr>
<tr>
<td>FGX-1015508-175</td>
<td>Gun Metal</td>
<td>+1.75</td>
<td>Wes</td>
</tr>
<tr>
<td>FGX-1015508-200</td>
<td>Gun Metal</td>
<td>+2.00</td>
<td>Wes</td>
</tr>
<tr>
<td>FGX-1015508-250</td>
<td>Gun Metal</td>
<td>+2.50</td>
<td>Wes</td>
</tr>
<tr>
<td>FGX-1015508-275</td>
<td>Gun Metal</td>
<td>+2.75</td>
<td>Wes</td>
</tr>
<tr>
<td>FGX-1015509-100</td>
<td>Black</td>
<td>+1.00</td>
<td>James</td>
</tr>
<tr>
<td>FGX-1015509-150</td>
<td>Black</td>
<td>+1.50</td>
<td>James</td>
</tr>
<tr>
<td>FGX-1015509-175</td>
<td>Black</td>
<td>+1.75</td>
<td>James</td>
</tr>
<tr>
<td>FGX-1015509-200</td>
<td>Black</td>
<td>+2.00</td>
<td>James</td>
</tr>
<tr>
<td>FGX-1015509-250</td>
<td>Black</td>
<td>+2.50</td>
<td>James</td>
</tr>
<tr>
<td>FGX-1015509-275</td>
<td>Black</td>
<td>+2.75</td>
<td>James</td>
</tr>
</tbody>
</table>

SPECIFICATIONS
- Lens Type: Progressive
- Lens Material: Polycarbonate
- Lens Coating: A/R Coating
- Warranty: Limited 1 Year
- Miscellaneous: 36-pc. Display available - see displays

FRAMES

<table>
<thead>
<tr>
<th>Name</th>
<th>Frame Size</th>
<th>Bridge Size</th>
<th>Temple Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zera</td>
<td>53 mm</td>
<td>16 mm</td>
<td>135 mm</td>
<td>Black matte over translucent magenta with spring hinges</td>
</tr>
<tr>
<td>Charlsie</td>
<td>53 mm</td>
<td>18 mm</td>
<td>135 mm</td>
<td>Dark satin brown flat metal with spring hinges</td>
</tr>
<tr>
<td>Wes</td>
<td>54 mm</td>
<td>17 mm</td>
<td>140 mm</td>
<td>Satin gun metal with plastic temples and spring hinges</td>
</tr>
<tr>
<td>James</td>
<td>53 mm</td>
<td>16 mm</td>
<td>140 mm</td>
<td>Black over clear plastic frame with spring hinges</td>
</tr>
</tbody>
</table>
READY-MADE READERS

- Rimless single-vision readers
- Available in 2 colors: Purple (small) and Anthracite (large)
- Strengths from +1.00D to +4.00D in +0.50D increments
- Plastic temples, adjustable nose pads
- Matching leatherette zippered case included

FOLDING MICROVISION

- Foldable single-vision readers
- Telescoping temples that fold down to a compact size and unfold again to be full size readers
- Scratch-resistant lenses in strengths from +1.50D to +4.00D
- Spring hinge temples and adjustable nose pads
- Satin silver temples with gun metal trim frame
- Crush proof case with magnetic closure (included)
Private Eyes

- High quality single vision readers with UV protection
- Available in 6 different frame styles: Gracie, Hugh, Larz, Tasker, Thixie and Tigerlilly
- Black leatherette case included

SPECIFICATIONS

- Lens Type: Single vision
- Lens Material: Polycarbonate
- Lens Coating: A/R coating
- Warranty: Limited 1 Year
- Miscellaneous: 36-pc. Display available - see display section

<table>
<thead>
<tr>
<th>Frame Size</th>
<th>Bridge Size</th>
<th>Temple Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 mm</td>
<td>19 mm</td>
<td>135 mm</td>
<td>Rimless, stainless steel temples</td>
</tr>
<tr>
<td>49 mm</td>
<td>17 mm</td>
<td>135 mm</td>
<td>Plastic frame with spring hinges</td>
</tr>
<tr>
<td>51 mm</td>
<td>17 mm</td>
<td>140 mm</td>
<td>Metal frame with spring hinges</td>
</tr>
<tr>
<td>51 mm</td>
<td>18 mm</td>
<td>140 mm</td>
<td>Plastic frame with spring hinges</td>
</tr>
<tr>
<td>51 mm</td>
<td>20 mm</td>
<td>140 mm</td>
<td>Semi-rimless stainless steel with spring hinges</td>
</tr>
<tr>
<td>53 mm</td>
<td>16 mm</td>
<td>139 mm</td>
<td>Metal rim with plastic temples</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Color</th>
<th>Diopter</th>
<th>Frame</th>
</tr>
</thead>
<tbody>
<tr>
<td>FGX-PE218-100</td>
<td>Black</td>
<td>+1.00</td>
<td>Larz</td>
</tr>
<tr>
<td>FGX-PE218-125</td>
<td>Black</td>
<td>+1.25</td>
<td>Larz</td>
</tr>
<tr>
<td>FGX-PE218-150</td>
<td>Black</td>
<td>+1.50</td>
<td>Larz</td>
</tr>
<tr>
<td>FGX-PE218-175</td>
<td>Black</td>
<td>+1.75</td>
<td>Larz</td>
</tr>
<tr>
<td>FGX-PE218-200</td>
<td>Black</td>
<td>+2.00</td>
<td>Larz</td>
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<tr>
<td>FGX-PE218-250</td>
<td>Black</td>
<td>+2.50</td>
<td>Larz</td>
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<tr>
<td>FGX-PE218-300</td>
<td>Black</td>
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<td>Larz</td>
</tr>
<tr>
<td>FGX-PE218-350</td>
<td>Black</td>
<td>+3.50</td>
<td>Larz</td>
</tr>
<tr>
<td>FGX-PE219-100</td>
<td>Gun Metal</td>
<td>+1.00</td>
<td>Hugh</td>
</tr>
<tr>
<td>FGX-PE219-125</td>
<td>Gun Metal</td>
<td>+1.25</td>
<td>Hugh</td>
</tr>
<tr>
<td>FGX-PE219-150</td>
<td>Gun Metal</td>
<td>+1.50</td>
<td>Hugh</td>
</tr>
<tr>
<td>FGX-PE219-175</td>
<td>Gun Metal</td>
<td>+1.75</td>
<td>Hugh</td>
</tr>
<tr>
<td>FGX-PE219-200</td>
<td>Gun Metal</td>
<td>+2.00</td>
<td>Hugh</td>
</tr>
<tr>
<td>FGX-PE219-250</td>
<td>Gun Metal</td>
<td>+2.50</td>
<td>Hugh</td>
</tr>
<tr>
<td>FGX-PE220-100</td>
<td>Amber</td>
<td>+1.00</td>
<td>Tigerlilly</td>
</tr>
<tr>
<td>FGX-PE220-125</td>
<td>Amber</td>
<td>+1.25</td>
<td>Tigerlilly</td>
</tr>
<tr>
<td>FGX-PE220-150</td>
<td>Amber</td>
<td>+1.50</td>
<td>Tigerlilly</td>
</tr>
<tr>
<td>FGX-PE220-175</td>
<td>Amber</td>
<td>+1.75</td>
<td>Tigerlilly</td>
</tr>
<tr>
<td>FGX-PE220-200</td>
<td>Amber</td>
<td>+2.00</td>
<td>Tigerlilly</td>
</tr>
<tr>
<td>FGX-PE220-250</td>
<td>Amber</td>
<td>+2.50</td>
<td>Tigerlilly</td>
</tr>
</tbody>
</table>
BLUE LIGHT BLOCKING

Polinelli®

- Blue light blocking single vision readers
- Available in 5 frame styles featuring a rubberized texture
- Frames are lightweight and durable with spring hinges
- Strength ranges from plano to +4.00D depending on style
- 100% UV protection and 3-layer anti-reflective coating
- BluePro Technology lens coating blocks 30% of harmful blue light
- Super thin lenses are lightweight and scratch-resistant
- Matching silicone neck cord and soft case included

SPECIFICATIONS

- Lens Type: Single vision
- Lens Material: Polycarbonate
- Lens Coating: BluePro, A/R Coating
- Frame: Polycarbonate and TR-90
- Warranty: Limited 1 Year
- Miscellaneous: Displays available - see display section

FRAMES

<table>
<thead>
<tr>
<th>Item</th>
<th>Color</th>
<th>Diopter</th>
<th>Frame Size</th>
<th>Bridge Size</th>
<th>Temple Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FGX-P100-000</td>
<td>Black/Blue</td>
<td>+0.00</td>
<td>53 mm</td>
<td>16 mm</td>
<td>140 mm</td>
<td>Classic square with dual colors</td>
</tr>
<tr>
<td>FGX-P200-210</td>
<td>Purple</td>
<td>+1.00</td>
<td>52 mm</td>
<td>15 mm</td>
<td>140 mm</td>
<td>Oversized with two-tone</td>
</tr>
<tr>
<td>FGX-P300-410</td>
<td>Black/White</td>
<td>+1.00</td>
<td>53 mm</td>
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CLIP-ON SYSTEM

LaboMED Frame

- Frame for interchangeable clip-on lenses (lenses not included - see page 29)
- Position of lens can be easily adjusted using a quick snap closure
- Discrete metal frame, black matte finish
- Can also be used with monocular lens components
- Supplied with protective box

LaboMED Kit

- Diagnostic Kit with 2 lens mounting mechanisms and complete set of clip-on monocular and binocular lenses
- Includes: 1644-504 LaboMED frame, 1646-20 Clip-on with 2x lens, 1645-1 2x lens, 1645-2 2.5x lens, 1645-3 3x lens, 1645-4 4x lens, 1645-7 7x lens and 1644-C case

LaboCOMFORT

- Headband magnifier with adjustable strap and binocular lens (included)
- Ratcheted hinge on lens cover can be raised and lowered
- Black, enclosed plastic shield blocks diffused light
- Lenses snap into the high grade ABS plastic housing
- Can only be used with binocular lenses (4 magnifications available)
- Can be used by spectacle wearers

SPECIFICATIONS

- Lens Type: Fits 1648 lenses
- Mount: Black plastic
- Miscellaneous: Fits over prescription eyewear
- Warranty: Limited 1 Year

<table>
<thead>
<tr>
<th>Item</th>
<th>Lens</th>
<th>Magnification</th>
<th>Diopter</th>
<th>Working Dist. Approx.</th>
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<td>1.7x</td>
<td>2.5</td>
<td>400 mm</td>
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<td>1648-20</td>
<td>Binocular</td>
<td>2.0x</td>
<td>2.5</td>
<td>250 mm*</td>
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<td>1648-25</td>
<td>Binocular</td>
<td>2.5x</td>
<td>5</td>
<td>180 mm</td>
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<tr>
<td>1648-30</td>
<td>Binocular</td>
<td>3.0x</td>
<td>7.75</td>
<td>130 mm</td>
</tr>
</tbody>
</table>

*Shorter working distance due to integrated convergence supporting prisms.
LaboCLIP

- Clip-on system with interchangeable lenses
- Clips onto distance spectacles to achieve optimum image quality and hands-free magnification
- 6 magnification options (4 binocular, 2 monocular)
- Lens sizes: monocular 40 mm, binocular 74.5 mm x 28 mm
- Lightweight, black plastic clip
- Rubber tips on clamp ends protect lenses from scratching
- Clip opens 15 mm wide, fits most eyeglass frames
- Supplied with protective box

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<td>2.5</td>
<td>400 mm</td>
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<tr>
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<td>Binocular</td>
<td>3.0x</td>
<td>7.75</td>
<td>130 mm</td>
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<tr>
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<td>Monocular</td>
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<td>28</td>
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*Shorter working distance due to integrated convergence supporting prisms.

Clip-on Lenses

Lenses available without the clip

These lenses are available separately using the following item numbers:

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<tr>
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<tr>
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<td>Monocular</td>
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</tr>
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<td>28</td>
<td>32 mm</td>
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*Shorter working distance due to integrated convergence supporting prisms.

SPECIFICATIONS

- Lens Type: Aspheric
- Lens Material: PXM® plastic
- Lens Coating: cera-tec® coating
- Bridge Size: 22 mm
- Frame Material: Black glass fiber-reinforced plastic
- Warranty: Limited 1 Year

Lenses: Binocular

1645-1 1645-2
1645-3 1645-5

Lenses: Monocular

1645-4
1645-7
NOVES

Noves MONO

- Monocular magnifying eyewear with ultra-thin lenses
- Gold frame with spring hinges
- Half-eye design allows orientation above the eyewear
- Lens thickness only 4.5 mm
- Opposite lens is frosted for occlusion
- The spring-hinged frame has adjustable temples, soft silicone pads and easily adjustable padded arms
- Supplied in a hard shell case

1681-06: Noves Mono Transparent Lens available separately to be used in place of the frosted lens in the Noves Mono System.

SPECIFICATIONS

- Lens Type: Aspheric-diffractive
- Lens Material: PXM® plastic
- Lens Coating: cera-tec® coating
- Temple Design: Spring-hinged, removable sheath allows temples to be shortened
- Frame Size: 42 mm
- Bridge Size: 23 mm
- Temple Size: 145 mm
- Weight: 20 g
- Warranty: Limited 1 Year

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<td>1681-4R</td>
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<td>Right</td>
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<td>1681-4L</td>
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<td></td>
<td></td>
<td>Left</td>
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Noves MONO Kits

1681-1Kit Dispensing Kit
Contents: 1 of each of 1681-3R, 1681-3L, 1681-4R, 1681-4L, 1681-5R, 1681-5L, 1681-6R, and 1681-6L. Comes in attractive metal display case.

1681-KitOU
A special 4-piece kit containing one each of +12D, +16D, +20D and +24D noves eyewear with lenses mounted OU. For diagnostic purposes only. Comes in attractive metal display case.
Noves BINO

- Magnifying readers with prismatic convergence support for magnification requirements of up to 10D
- The lenses have a subtle appearance and a uniform thickness of 4 mm, regardless of the optical power
- Maximum protection of lenses against mechanical influences and dust is provided by high-precision, diffractive nanostructures on the insides of the lenses
- The half-eye design facilitates orientation above the eyewear
- Gold frame with spring hinges, adjustable temples, soft pads and easily adjustable pad arms
- Supplied in a hard shell case

1682-2KIT
A 5-piece kit containing one each of +4.0D, +5.0D, +6.0D, +8.0D and +10.0D noves bino eyewear in attractive metal case.

PRISMATIC

Prismatic BINO Comfort

- Binocular readers with a higher addition and prismatic convergence support
- Available in five different strengths with convergence-supporting prisms corresponding to the respective strength
- Not only achieves outstanding results but also looks good – stylish design means high level of acceptability
- The spring-hinged frame has adjustable temples, soft pads and easily adjustable pad arms
- Supplied in a hard shell case

1680-1KIT
A 5-piece kit containing one each of +4.0D, +5.0D, +6.0D, +8.0D and +10.0D Prismatic BINO comfort eyewear in attractive metal case.
PRISMATIC

Miniframe BIFO

- Unique bifocals with two distinct segments
- Dual lens system (+3.00D on top and +4.50D, +6.00D, or +7.50D on bottom)
- Lightweight design for long-term use
- Molded one piece bridge with thin metal temples
- 4 Temple Colors: Gun Metal, Gold, Blue, and Red
- Protective leatherette case included

SPECFICATIONS

Lens Type: Progressive
Lens Material: PXM® plastic
Lens Coating: Surface coating
Temple Design: Thin metal
Frame Size: 50 mm
Bridge Size: 24 mm
Temple Size: 130 mm
PD Range: 59-68 mm
Warranty: Limited 1 Year
Miscellaneous: 3-pc. Display available - see displays

For reading normal text size: +3D
For reading small print or for intricate work: +4.5D, +6.0D or +7.5D

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<tr>
<td>2906-336</td>
<td>Red</td>
<td>3.00/6.00</td>
</tr>
<tr>
<td>2906-337</td>
<td>Red</td>
<td>3.00/7.50</td>
</tr>
</tbody>
</table>

Premium Prismatic Eyewear

- Prism Eyewear with higher levels of magnification
- Larger field allows patients to use their peripheral vision
- Lightweight and stylish gold metal frames
- Adjustable nosepads and temples for greater comfort
- Anti-reflective coated lens for maximum light transmission
- Protective hard case included

SPECFICATIONS

Lens Type: Prismatic
Lens Material: Injection molded optical plastic
Lens Coating: A/R Coating
Temple Design: Gold metal
Frame Size: 47 mm
Bridge Size: 20 mm
Temple Size: 140 mm
Rx-able: Yes
Warranty: Limited 1 Year

<table>
<thead>
<tr>
<th>Item</th>
<th>Diopter/Prism</th>
</tr>
</thead>
<tbody>
<tr>
<td>B-2204-4</td>
<td>4.0 w/6.0D Δ in</td>
</tr>
<tr>
<td>B-2204-6</td>
<td>6.0 w/8.0D Δ in</td>
</tr>
<tr>
<td>B-2204-8</td>
<td>8.0 w/10.0D Δ in</td>
</tr>
<tr>
<td>B-2204-10</td>
<td>10.0 w/12.0D Δ in</td>
</tr>
</tbody>
</table>
### Economy Plus Prismatic Eyewear

- Prism Eyewear with higher levels of magnification
- Larger field allows patients to use their peripheral vision
- Lightweight and stylish bronze metal frame
- Adjustable nosepads and temples for greater comfort
- Can be worn as a half-eye or as full field spectacles
- Spring-hinge temple design can be cut to fit children’s size
- Protective case included (Optional foam-lined carrying case available for the 4 piece diagnostic kit B-3001-Kit)

**B-3001-Kit** contains one each of the following powers: +4D, +6D, +8D and +10D.

### Spectacle Microscope with ClearImage® II Lenses

- Spectacle magnifiers with Designs for Vision Inc.’s ClearImage II® Lenses (35 mm dia.)
- Ideal for extended viewing tasks requiring higher magnification, with hands-free usage
- Available in 7 powers from +8.0D to +32.0D
- Lightweight titanium nickel alloy frame with wire bridge
- Adjustable wire temples and soft saddle bridge nosepad
- Provides distortion-free viewing, edge to edge
- Anti-reflective coating in a patented doublet lens design
- Protective case included

Note: All ClearImage II® Spectacle magnifiers from Eschenbach are prescription correctable. Contact our Customer Service Department at (800) 487-5389 for details. For diagnostic purpose, OU versions can also be ordered. Please contact our Customer Service Department for more information.

### Specifications

**DVC-1693**

- **Lens Type:** Single vision
- **Lens Material:** High index glass
- **Lens Coating:** A/R coating
- **Temple Design:** Nickel alloy
- **Frame Size:** 45 mm
- **Bridge Size:** 21 mm
- **Temple Size:** 150 mm
- **Rx-able:** Yes
- **Warranty:** Limited 1 Year

<table>
<thead>
<tr>
<th>Item</th>
<th>Magnification</th>
<th>Diopter</th>
<th>Eye</th>
</tr>
</thead>
<tbody>
<tr>
<td>DVC-1693-08-OD</td>
<td>2x</td>
<td>8.0D</td>
<td>Right</td>
</tr>
<tr>
<td>DVC-1693-08-OS</td>
<td>2x</td>
<td>8.0D</td>
<td>Left</td>
</tr>
<tr>
<td>DVC-1693-12-OD</td>
<td>3x</td>
<td>12.0D</td>
<td>Right</td>
</tr>
<tr>
<td>DVC-1693-12-OS</td>
<td>3x</td>
<td>12.0D</td>
<td>Left</td>
</tr>
<tr>
<td>DVC-1693-16-OD</td>
<td>4x</td>
<td>16.0D</td>
<td>Right</td>
</tr>
<tr>
<td>DVC-1693-16-OS</td>
<td>4x</td>
<td>16.0D</td>
<td>Left</td>
</tr>
<tr>
<td>DVC-1693-20-OD</td>
<td>5x</td>
<td>20.0D</td>
<td>Right</td>
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<tr>
<td>DVC-1693-20-OS</td>
<td>5x</td>
<td>20.0D</td>
<td>Left</td>
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<tr>
<td>DVC-1693-24-OD</td>
<td>6x</td>
<td>24.0D</td>
<td>Right</td>
</tr>
<tr>
<td>DVC-1693-24-OS</td>
<td>6x</td>
<td>24.0D</td>
<td>Left</td>
</tr>
<tr>
<td>DVC-1693-28-OD</td>
<td>7x</td>
<td>28.0D</td>
<td>Right</td>
</tr>
<tr>
<td>DVC-1693-28-OS</td>
<td>7x</td>
<td>28.0D</td>
<td>Left</td>
</tr>
<tr>
<td>DVC-1693-32-OD</td>
<td>8x</td>
<td>32.0D</td>
<td>Right</td>
</tr>
<tr>
<td>DVC-1693-32-OS</td>
<td>8x</td>
<td>32.0D</td>
<td>Left</td>
</tr>
</tbody>
</table>
**MaxTV®**

- Head mounted telescopic glasses for distance viewing
- Easy adjustment of diopter compensation: ±3D, right/left can be separately adjusted, cylinder correction not possible
- Temples can be adjusted without having to be warmed
- Main distance of use: 3 m (10 feet)
- Frosted objective lens housing eliminates reflections
- Supplied in hard foam zippered case

**MaxEVENT**

- Head mounted telescopic glasses for distance, ideal for outside events
- Tinted lenses filter out light below 390 nm, mirror coating eliminates sun glare
- Temples can be adjusted without having to be warmed
- Easy adjustment of diopter compensation: -2.25D to +3.75D, right/left can be separately adjusted, cylinder correction is not possible
- Frosted objective lens housing eliminates reflections
- Supplied in hard foam zippered case

**MaxDETAIL**

- Head mounted telescopic glasses for near viewing, ideal for demanding detailed work
- Easy adjustment of diopter compensation: ±3D, right/left can be separately adjusted, cylinder correction not possible
- Easily adjustable temples (can be adjusted without warming)
- Working distance approx. 40 cm (16 inches)
- Supplied in hard foam zippered case

**SPECIFICATIONS**

- **MaxTV®**
  - Magnification: 2.1x
  - Lens Type: Galilean
  - Lens Material: PXM® plastic
  - Frame Size: 137 mm
  - Bridge Size: Open saddle
  - Temple Size: 135 mm
  - Lens Size: 32 mm
  - Focal Range: 10 feet to infinity
  - Field of view: 20 degrees
  - PD Range: 60 - 68 mm
  - Weight: 1.7 oz
  - Warranty: Limited 1 Year

- **MaxEVENT**
  - Magnification: 2.1x
  - Lens Type: Galilean
  - Lens Material: PXM® plastic
  - Lens Coating: Mirrored coating
  - Mount: Black frame
  - Frame Size: 137 mm
  - Bridge Size: Open saddle
  - Temple Size: 135 mm
  - Lens Size: 32 mm
  - Focal Range: 10 feet to infinity
  - Field of view: 20 degrees
  - PD Range: 60 - 68 mm
  - Weight: 1.7 oz
  - Warranty: Limited 1 Year

- **MaxDETAIL**
  - Magnification: 2x
  - Lens Type: Galilean
  - Lens Material: PXM® plastic
  - Frame Size: 137 mm
  - Bridge Size: Open saddle
  - Temple Size: 135 mm
  - Lens Size: 32 mm
  - Field of view: 20 degrees
  - PD Range: 60 - 68 mm
  - Weight: 1.7 oz
  - Warranty: Limited 1 Year
MaxTV® Clip

- Galilean clip-on system for distance viewing - doubles the size of a television screen
- Clips onto existing prescription eyewear
- Lenses flip up when not needed
- Rubber grips on clamp allow for secure mounting
- Lens can be placed in 5 different height positions to achieve optimal line of sight
- Main distance of use: 3 m (approx. 10 ft.)
- Supplied in hard foam zippered case

**SPECIFICATIONS**

- Magnification: 2x
- Lens Type: Galilean
- Lens Material: PXM® plastic
- Field of view: 18 degrees
- PD Range: 60 - 68 mm
- Weight: 1 oz.
- Warranty: Limited 1 Year

MaxDETAIL Clip

- Galilean clip-on system for near viewing, ideal for detailed work
- Clips onto existing prescription eyewear
- Lenses flip up when not needed
- Rubber grips on clamp allow for secure mounting
- Lens can be placed in 5 different height positions to achieve optimal line of sight
- Working distance of approx. 35 cm (14 inches)
- Supplied in hard foam zippered case

**SPECIFICATIONS**

- Magnification: 2x
- Lens Type: Galilean
- Lens Material: PXM® plastic
- Field of view: 13 degrees
- PD Range: 62-70 mm
- Weight: 0.8 oz.
- Warranty: Limited 1 Year
TeleMED

- Galilean system for distance viewing
- Consists of a positive objective lens and negative ocular lens
- Focusing/diopter compensation adjusted individually for each eyepiece
- Unique frame with adjustable pupillary distance
- Sturdy carrier frame made from glass fiber reinforced, black plastic
- Comfortable, easily adjustable saddle bridge and cold bend wire-core temples
- Supplied in black zippered case

Note: Ocular side Rx can be added. Order 1622-1 for pattern and mounting tape.

RidoMED

- Galilean system for extended near viewing tasks
- Consists of a positive objective lens and negative ocular lens
- Focusing/diopter compensation adjusted individually for each eyepiece
- Unique frame with adjustable pupillary distance
- Sturdy carrier frame made from glass fiber reinforced, black plastic
- Comfortable, easily adjustable saddle bridge and cold bend wire-core temples
- Supplied in black zippered case

Note: Ocular side Rx can be added. Order 1622-1 for pattern and mounting tape.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Item</th>
<th>Magnification</th>
<th>Working Distance*</th>
<th>Visual Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>1634</td>
<td>3.0 x/Binocular</td>
<td>70 cm up to ∞</td>
<td>160 m/1,000 m</td>
</tr>
<tr>
<td>1634-4</td>
<td>4.0 x/Binocular</td>
<td>78 cm up to ∞</td>
<td>130 m/1,000 m</td>
</tr>
<tr>
<td>1636-2</td>
<td>2.5 x/Binocular</td>
<td>Approx. 350 mm</td>
<td>75/350 mm</td>
</tr>
<tr>
<td>1636-3</td>
<td>3.0 x/Binocular</td>
<td>Approx. 200 mm</td>
<td>54/200 mm</td>
</tr>
<tr>
<td>1636-4</td>
<td>4.0 x/Binocular</td>
<td>Approx. 250 mm</td>
<td>35/250 mm</td>
</tr>
</tbody>
</table>

*With convergence angles to suit the respective working distances.
Mirage Telescope

- Binocular and Monocular telescopes for those patients who require high levels of magnification for extended distance viewing
- Unique adjustable frame and open saddle bridge
- Provides superior optics via anti-reflective coated lenses and high-resolution mirrors
- Each telescope can be focused individually from 6’ to infinity
- Ideal for extended viewing tasks, such as watching television, movies, sporting events, bird watching or sightseeing
- Head strap included for comfortable, snug fit
- Protective carrying case and adjustment tool included

<table>
<thead>
<tr>
<th>Item</th>
<th>Magnification</th>
<th>Telescope</th>
<th>Field of View</th>
</tr>
</thead>
<tbody>
<tr>
<td>BE-525</td>
<td>5.5x</td>
<td>Binocular</td>
<td>11°</td>
</tr>
<tr>
<td>BE-730</td>
<td>7x</td>
<td>Binocular</td>
<td>9°</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Magnification</th>
<th>Telescope</th>
<th>Field of View</th>
</tr>
</thead>
<tbody>
<tr>
<td>BE-525-OD</td>
<td>5.5x</td>
<td>Monocular Right</td>
<td>11°</td>
</tr>
<tr>
<td>BE-525-OS</td>
<td>5.5x</td>
<td>Monocular Left</td>
<td>11°</td>
</tr>
<tr>
<td>BE-731-OD</td>
<td>7x</td>
<td>Monocular Right</td>
<td>9°</td>
</tr>
<tr>
<td>BE-731-OS</td>
<td>7x</td>
<td>Monocular Left</td>
<td>9°</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS**

- Lens Type: Galilean
- Lens Material: Glass
- Lens Coating: Anti-reflective coating
- Mount: Black plastic
- Temple Design: Adjustable frame reinforced with fiberglass for sturdiness
- Frame Size: 33 mm
- Bridge Size: 13 mm, comfortable saddle bridge
- Temple Size: 150 mm
- Lens Size: 30 mm
- Field of view: 9 degrees (7x), 11 degrees (5.5x)
- PD Range: 54-64 mm and 54-74 mm
- Weight: 3.5 oz. binocular, 2.5 oz. monocular
- Warranty: Limited 1 Year
Wide-field Galilean

- Lightweight monocular telescope with wide field of view
- Designed to be mounted into a carrier frame for distance viewing tasks
- Can be installed using the 1625 mounting kit
- Ocular and objective lenses have a high-quality, anti-reflection hard coating
- The Galilean system is set at infinity; accommodates snap-on reading caps for near viewing tasks (see table)
- Reading cap lens can be flipped up when not needed
- The reading caps +3.0D/+4.0D/+5.0D are also suitable for binocular use when used with the corresponding convergence adapter

**Accessories:** 1623-01
  - 1623-0  1623-3  1623-4
  - 1623-5  1623-6  1623-8
  - 1623-10  1623-12

**1630 Telescope Test Kit**

The contents of the fitting case will enable you to test most of the adjustments for close range and distance which this system allows.

Contents: (2) 1623 telescopes with trial frame adapters,(1) each of: 1623-0, 1623-3, 1623-4, 1623-5, 1623-6, 1623-8,1623-10, 1623-12 reading caps, and 1625-10 fitting instructions.

**SPECIFICATIONS**

- **Lens Type:** Diffractive/aspheric
- **Lens Material:** PXM® plastic
- **Lens Coating:** A/R coating, cera-tec® coating
- **Mount:** Gray plastic
- **Lens Size:** 22 mm
- **Field of view:** 22 degrees
- **Weight:** 18 grams (25 grams with reading cap)
- **Rx-able:** Yes
- **Warranty:** Limited 1 Year
- **Accessories:** Reading caps (in powers of 3.0D to 12.0D) and finger ring (1673) available separately

**TELESCOPE WITH READING CAPS**

<table>
<thead>
<tr>
<th>Item</th>
<th>Magnification</th>
<th>Working Distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>1623</td>
<td>2.0x</td>
<td>∞</td>
</tr>
<tr>
<td>1623 + 1623-3</td>
<td>1.5x</td>
<td>Approx. 330 mm</td>
</tr>
<tr>
<td>1623 + 1623-4</td>
<td>2.0x</td>
<td>250 mm</td>
</tr>
<tr>
<td>1623 + 1623-5</td>
<td>2.5x</td>
<td>200 mm</td>
</tr>
<tr>
<td>1623 + 1623-6</td>
<td>3.0x</td>
<td>167 mm</td>
</tr>
<tr>
<td>1623 + 1623-8</td>
<td>4.0x</td>
<td>120 mm</td>
</tr>
<tr>
<td>1623 + 1623-10</td>
<td>5.0x</td>
<td>100 mm</td>
</tr>
<tr>
<td>1623 + 1623-12</td>
<td>6.0x</td>
<td>83 mm</td>
</tr>
</tbody>
</table>

**READING CAPS**

<table>
<thead>
<tr>
<th>Item</th>
<th>Reading cap</th>
</tr>
</thead>
<tbody>
<tr>
<td>1623-01</td>
<td>Reading cap ring for fitting lens with an individual power (not shown).</td>
</tr>
<tr>
<td>1623-0</td>
<td>Frosted lens</td>
</tr>
<tr>
<td>1623-3</td>
<td>Reading cap 3.0D</td>
</tr>
<tr>
<td>1623-4</td>
<td>Reading cap 4.0D</td>
</tr>
<tr>
<td>1623-5</td>
<td>Reading cap 5.0D</td>
</tr>
<tr>
<td>1623-6</td>
<td>Reading cap 6.0D</td>
</tr>
<tr>
<td>1623-8</td>
<td>Reading cap 8.0D</td>
</tr>
<tr>
<td>1623-10</td>
<td>Reading cap 10.0D</td>
</tr>
<tr>
<td>1623-12</td>
<td>Reading cap 12.0D</td>
</tr>
</tbody>
</table>

* The figures stated for visual field are average values. They will vary depending on the distance from the eye to the eyepiece. Further information can be found on page 78.
Galilean 2.2x

- Afocal monocular telescope with compact size and excellent optical imaging quality
- Designed to be mounted into a carrier frame for distance viewing tasks
- Can be installed using the 1625 mounting kit
- The Galilean system is set at infinity; accommodates snap-on reading caps for near viewing tasks (see table)

Galilean 2.5x

- Afocal monocular telescope with compact size and excellent optical imaging quality
- Designed to be mounted into a carrier frame for distance viewing tasks
- Ocular and objective lenses have a high-quality, anti-reflection hard coating
- The Galilean system is set at infinity; accommodates snap-on reading caps for near viewing tasks (see table)

**Accessories:**

1621-x Reading caps for Galilean 2.2x and Galilean 2.5x an individual power (x2)
- Reading caps +3.0D/+4.0D/+5.0D are also suitable for binocular use (close-up).
1621-0 Frosted lens
1621-01 Reading cap ring for fitting lens with an individual power (x2)

**SPECIFICATIONS**

- Lens Type: Achromatic
- Lens Material: Glass
- Lens Coating: Magnesium Fluoride coated
- Mount: Black Plastic
- Lens Size: 23 mm
- Focal Range: Infinity
- Field of view: 14 Degrees
- Weight: 16 grams (22 g with reading cap)
- Rx-able: Yes
- Warranty: Limited 1 Year
- Accessories: Reading caps (in powers of 3.0D to 16.0D) and finger ring (1673) available separately

<table>
<thead>
<tr>
<th>Item</th>
<th>Reading Cap Power</th>
<th>Magnification</th>
<th>Working Distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>1621</td>
<td></td>
<td>2.2x</td>
<td>∞</td>
</tr>
<tr>
<td>1621 + 1621-3</td>
<td>3.0D</td>
<td>1.65x</td>
<td>330 mm</td>
</tr>
<tr>
<td>1621 + 1621-4</td>
<td>4.0D</td>
<td>2.2x</td>
<td>250 mm</td>
</tr>
<tr>
<td>1621 + 1621-5</td>
<td>5.0D</td>
<td>2.75x</td>
<td>200 mm</td>
</tr>
<tr>
<td>1621 + 1621-6</td>
<td>6.0D</td>
<td>3.3x</td>
<td>167 mm</td>
</tr>
<tr>
<td>1621 + 1621-8</td>
<td>8.0D</td>
<td>4.4x</td>
<td>125 mm</td>
</tr>
<tr>
<td>1621 + 1621-10</td>
<td>10.0D</td>
<td>5.5x</td>
<td>100 mm</td>
</tr>
<tr>
<td>1621 + 1621-12</td>
<td>12.0D</td>
<td>6.6x</td>
<td>83 mm</td>
</tr>
<tr>
<td>1621 + 1621-16</td>
<td>16.0D</td>
<td>8.8x</td>
<td>63 mm</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS**

- Lens Type: Diffractive aspheric/Achromatic
- Lens Material: PXM® hard-treated lenses
- Lens Coating: cera-tec® coating
- Mount: Silver plastic
- Lens Size: 23 mm
- Focal Range: Infinity
- Field of view: 13 degrees
- Weight: 11 grams
- Warranty: Limited 1 Year
- Rx-able: Ocular side Rx can be added. Order 1622-1 for Rx Carrier and mounting tape.
- Accessories: Reading caps (in powers of 3.0D to 16.0D)

<table>
<thead>
<tr>
<th>Item</th>
<th>Reading Cap Power</th>
<th>Magnification</th>
<th>Working Distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>1622-5</td>
<td></td>
<td>2.5x</td>
<td>∞</td>
</tr>
<tr>
<td>1622-5 + 1621-3</td>
<td>3.0D</td>
<td>1.9x</td>
<td>330 mm</td>
</tr>
<tr>
<td>1622-5 + 1621-4</td>
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<td>1622-5 + 1621-5</td>
<td>5.0D</td>
<td>3.15x</td>
<td>200 mm</td>
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<tr>
<td>1622-5 + 1621-6</td>
<td>6.0D</td>
<td>3.75x</td>
<td>167 mm</td>
</tr>
<tr>
<td>1622-5 + 1621-8</td>
<td>8.0D</td>
<td>5.0x</td>
<td>125 mm</td>
</tr>
<tr>
<td>1622-5 + 1621-10</td>
<td>10.0D</td>
<td>6.25x</td>
<td>100 mm</td>
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<tr>
<td>1622-5 + 1621-12</td>
<td>12.0D</td>
<td>7.5x</td>
<td>83 mm</td>
</tr>
<tr>
<td>1622-5 + 1621-16</td>
<td>16.0D</td>
<td>10.0x</td>
<td>63 mm</td>
</tr>
</tbody>
</table>

* The figures stated for visual field are average values. They will vary depending on the distance from the eye to the eyepiece. Further information can be found on page 77.

The 1632 and 1632-1 testing kits are available for these systems. These can be found on page 41.
Accessories:

1673-02 Reading Cap Adapter
- With this intermediate adapter ring, the monoculars 1673-1 and 1673-2 can be used with the 1621 reading caps (see page 39)

1673-03 Reading Cap Adapter
- With this intermediate adapter ring, the monoculars 1673-3 and 1673-4 can be used with the 1621 reading caps (see page 39)

1671-1 Finger Ring
- The finger ring ensures inconspicuous use and provides stability when used as a hand-held monocular

Further technical information can be found on page 77.
Galilean and Keplerian Testing Kit

- Contents of the fitting case will enable you to carry out adjustments for distance and near vision with the Galilean and Keplerian systems
- Kit comes complete with trial frame adapters for easy testing

Contents:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1619</td>
<td>Trial frame adapters (two)</td>
</tr>
<tr>
<td>1621</td>
<td>Galilean 2.2x (2 pieces)</td>
</tr>
<tr>
<td>1622-5</td>
<td>Galilean 2.5x</td>
</tr>
<tr>
<td>1621-0</td>
<td>Frosted lens</td>
</tr>
<tr>
<td>1621-3</td>
<td>Reading Cap 3.0D</td>
</tr>
<tr>
<td>1621-4</td>
<td>Reading Cap 4.0D</td>
</tr>
<tr>
<td>1621-5</td>
<td>Reading Cap 5.0D</td>
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<tr>
<td>1621-6</td>
<td>Reading Cap 6.0D</td>
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<td>Reading Cap 8.0D</td>
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<tr>
<td>1621-10</td>
<td>Reading Cap 10.0D</td>
</tr>
<tr>
<td>1621-12</td>
<td>Reading Cap 12.0D</td>
</tr>
<tr>
<td>1621-16</td>
<td>Reading Cap 16.0D</td>
</tr>
<tr>
<td>1625-10</td>
<td>Fitting instructions</td>
</tr>
<tr>
<td>1673-1</td>
<td>Keplerian monocular 2.8x 9</td>
</tr>
<tr>
<td>1673-2</td>
<td>Keplerian monocular 4.2x 10</td>
</tr>
<tr>
<td>1673-3</td>
<td>Keplerian monocular 4.2x 12</td>
</tr>
<tr>
<td>1673-4</td>
<td>Keplerian monocular 6.0x 16</td>
</tr>
<tr>
<td>1671-1</td>
<td>Finger ring</td>
</tr>
<tr>
<td>1673-02</td>
<td>Adapter for reading caps for 1673-1 and 1673-2</td>
</tr>
<tr>
<td>1673-03</td>
<td>Adapter for reading caps for 1673-3 and 1673-4</td>
</tr>
</tbody>
</table>

Galilean Testing Kit

- Contents of the fitting case will enable you to carry out adjustments for distance and near vision with the Galilean systems
- Kit comes complete with trial frame adapters attached to the Galilean telescopes for easy testing

Contents:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1619</td>
<td>Trial frame adapters (3 assembled)</td>
</tr>
<tr>
<td>1621</td>
<td>Galilean 2.2x (2 pieces)</td>
</tr>
<tr>
<td>1622-5</td>
<td>Galilean 2.5x</td>
</tr>
<tr>
<td>1621-0</td>
<td>Frosted lens</td>
</tr>
<tr>
<td>1621-3</td>
<td>Reading Cap 3.0D</td>
</tr>
<tr>
<td>1621-4</td>
<td>Reading Cap 4.0D</td>
</tr>
<tr>
<td>1621-5</td>
<td>Reading Cap 5.0D</td>
</tr>
<tr>
<td>1621-6</td>
<td>Reading Cap 6.0D</td>
</tr>
<tr>
<td>1621-8</td>
<td>Reading Cap 8.0D</td>
</tr>
<tr>
<td>1621-10</td>
<td>Reading Cap 10.0D</td>
</tr>
<tr>
<td>1621-12</td>
<td>Reading Cap 12.0D</td>
</tr>
<tr>
<td>1621-16</td>
<td>Reading Cap 16.0D</td>
</tr>
<tr>
<td>1625-10</td>
<td>Fitting instructions</td>
</tr>
</tbody>
</table>
Mounting Kit

- Enables all Eschenbach Optik telescopic systems, both Galilean and Keplerian, to be mounted into any special frame
- Provides carrier lenses made from CR-39, with the corresponding convergence adapters for working distances of 200 mm, 250 mm, 330 mm and an adapter for distance tasks
- The convergence adapters allow binocular use in the distance range, as well as in a variety of close-up ranges
- The mounting kit is suitable for monocular and binocular use in both the distance and close-up ranges
- If an adjustment error occurs (incorrectly determined visual center) minimal expense is incurred as only the carrier disks need to be reground

Contents:
Quantity / Item
1 Fitting brochure
6 Carrier disks
2 Centering inserts for grinding the carrier disks
2 Adapters for infinite distance use
2 Convergence adapters for 200 mm (binocular)
2 Convergence adapters for 250 mm (binocular)
2 Convergence adapters for 330 mm (binocular)

Small mounting components:
6 x Spacer washers (0.5 mm, 1.0 mm, 2.0 mm)
6 Lock rings for securing the monoculars
2 Holding rings with adhesive ring for the use of correction lenses
1 Lens former for correction lens
1 Socket
2 Adapters for trial frame

Order No. for Reordering:
Item  Quantity  Description
1619  2  Adapters for the trial frames
1622  2  Holding rings for the use of correction lenses
1622-1  1  Lens former for correction lens
        4  Replacement adhesive rings
1625-101  1  Fitting brochure
1626-1  2  Carrier lenses
        2  adapters for infinite distance use
        2  Centering inserts
1626-2  2  Carrier lenses
        2  Convergence adapters
        2  Centering inserts, 200 mm
1626-3  2  Carrier lenses
        2  Convergence adapters
        2  Centering inserts, 250 mm
1626-4  2  Carrier lenses
        2  Convergence adapters
        2  Centering inserts, 330 mm
1626-5  6  Carrier lenses
1626-6  6  Adapters for infinite distance use

1627 Small mounting components, consisting of:
6 each of: Spacer washes (0.5 mm, 1.0 mm, 2.0 mm)
6 Lock rings
2 Holding rings with adhesive ring for correction lens
1628  1  Mounting tool: socket
1671-5  6  Lock rings
Diagnostic Galilean Telescope Kit

- Eschenbach partnered with Designs for Vision, Inc. (DVI) to create this modular diagnostic kit of customized Galilean telescopes and trial frames
- Includes 6 telescopes that have been specially designed to snap easily into one of the 4 available test frames
- Helps to determine the optimum mounted telescope solution for patients and demonstrates it to them without the hassle of trial frames
- Convenient “snap-in, snap-out” mechanisms allows for quick demonstration of the functionality and appearance of a custom mounted telescopes before ordering
- Bioptic combinations can be identified that assist low vision patients in viewing magnified distant objects while allowing them to use their spectacle prescription for near

Contents:

<table>
<thead>
<tr>
<th>Quantity Item</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 DVI Spiral Galilean Telescopes in powers of 2.2x, 3x, and 4x</td>
<td>Focusable DVI Spiral Galilean Telescopes in powers of 2.2x, 3x, and 4x</td>
</tr>
<tr>
<td>2 DVI Bioptic Telescopes (2.2x)</td>
<td>DVI Biotic Telescopes (2.2x)</td>
</tr>
<tr>
<td>1 DVI Afocal Full Diameter Telescope (2.2x)</td>
<td>DVI Afocal Full Diameter Telescope (2.2x)</td>
</tr>
<tr>
<td>2 Specially-adapted Eschenbach 1631 frames for full diameter testing</td>
<td>Specially-adapted Eschenbach 1631 frames for full diameter testing</td>
</tr>
<tr>
<td>2 Nickel allergy-free titanium Eschenbach Frames (1693) pre-drilled for bioptic testing</td>
<td>Nickel allergy-free titanium Eschenbach Frames (1693) that have been pre-drilled for bioptic testing</td>
</tr>
<tr>
<td>2 Trial frame carriers</td>
<td>Trial frame carriers</td>
</tr>
<tr>
<td>2 Sets of replacement springs</td>
<td>Sets of replacement springs</td>
</tr>
<tr>
<td>2 Occluders</td>
<td>Occluders</td>
</tr>
</tbody>
</table>

Note: These telescopes can only be purchased with the spring-connect mechanism or as a finished mounted job (to be used as part of the Diagnostic Kit).

<table>
<thead>
<tr>
<th>Item</th>
<th>Magnification</th>
<th>Field of View</th>
<th>Working Distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>DVI-2.2 BIO1</td>
<td>2.2x</td>
<td>12°</td>
<td>∞</td>
</tr>
<tr>
<td>DVI-2.2 BIO2</td>
<td>2.2x</td>
<td>11°</td>
<td>∞</td>
</tr>
<tr>
<td>DVI-2.2 FDTS</td>
<td>2.2x</td>
<td>16°</td>
<td>∞</td>
</tr>
<tr>
<td>DVI-2.2 SGTS</td>
<td>2.2x</td>
<td>11°</td>
<td>12 in to ∞</td>
</tr>
<tr>
<td>DVI-3.0 SGTS</td>
<td>3.0x</td>
<td>8°</td>
<td>8 in to ∞</td>
</tr>
<tr>
<td>DVI-4.0 SGTS</td>
<td>4.0x</td>
<td>6°</td>
<td>8 in to ∞</td>
</tr>
</tbody>
</table>
SPOTTING

Magno Monoculars

- Keplerian telescopes with focusable lens
- Can be used as a hand-held monocular in combination with finger ring (1671-1) or spectacle mounted telescope
- Small, lightweight and inconspicuous
- High quality, dust-proof metal housing with rubber grip
- Power and objective lens size printed on the barrel
- Protective lens caps included on the 4.0x, 6.0x and 8.0x
- Build-in eyelet for 8" lanyard included
- Storage case with belt loop and cleaning cloth included

SPECIFICATIONS

- Lens Type: Keplerian
- Lens Material: Achromatic glass
- Lens Coating: Multi-Coating
- Mount: Brushed metal with rubber grip
- Rx-able: Ocular-side Rx can be added. Order 1622-1 for Rx carrier and mounting tape.
- Warranty: Limited 1 Year
- Accessories: Finger ring (1671-1) available separately
- Miscellaneous: Mountable into the UniADAPT Carrier Frame (1631) using lock washer rings (1671-5), or into eyewear using the Telescope Mounting Kit (1625)

<table>
<thead>
<tr>
<th>Item</th>
<th>Magnification</th>
<th>Field of View</th>
<th>Visual Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>KS-T320</td>
<td>3 x 20</td>
<td>145 m/1,000 m</td>
<td>8°</td>
</tr>
<tr>
<td>KS-T412</td>
<td>4 x 12</td>
<td>160 m/1,000 m</td>
<td>9°</td>
</tr>
<tr>
<td>KS-T616</td>
<td>6 x 16</td>
<td>145 m/1,000 m</td>
<td>8°</td>
</tr>
<tr>
<td>KS-T821</td>
<td>8 x 21</td>
<td>100 m/1,000 m</td>
<td>6°</td>
</tr>
</tbody>
</table>

VarioPLUS

- Hand-held prism monocular that can be used as a stand microscope
- Keplerian roof prism system, multi-coated
- High level of light transmission and image brightness
- Dustproof, light metal housing
- 3x Stand magnifier included
- Magnification with mounted stand magnifier: 24x
- Supplied with carrying cord and case with belt loop

<table>
<thead>
<tr>
<th>Item</th>
<th>Magnification</th>
<th>Field of View</th>
<th>Visual Angle</th>
<th>Working Distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>1674-820</td>
<td>8 x 20</td>
<td>125 m/1,000 m</td>
<td>7°</td>
<td>300 mm to ∞</td>
</tr>
<tr>
<td>1674-832</td>
<td>8 x 32</td>
<td>140 m/1,000 m</td>
<td>8°</td>
<td>700 mm to ∞</td>
</tr>
</tbody>
</table>

SPECIFICATIONS

- Lens Type: Keplerian
- Lens Material: Achromatic glass
- Lens Coating: Multi-Coating
- Mount: Light-metal
- Warranty: Limited 1 Year
Club® M

- Unique rectangular design provides panoramic view
- One-handed, easy to operate slide focus
- Keplerian roof prism system with multi-coated lens
- High level of light transmission and image brightness
- Rubberized housing with comfortable grip
- Black leather case and lanyard included

Start® Monofold

- Small, foldable monocular with BK-7 porro prisms
- Measures 70 mm x 45 mm x 20 mm when folded flat
- Excellent image quality and full magenta coating
- Impact resistant plastic housing
- Carrying case with belt loop included

<table>
<thead>
<tr>
<th>Item</th>
<th>Magnification</th>
<th>Visual Field</th>
<th>Field of View</th>
<th>Working Distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>4293-616</td>
<td>6 x 16</td>
<td>140 x 108 m/1,000 m</td>
<td>8° x 6.2°</td>
<td>1,000 mm to ∞</td>
</tr>
<tr>
<td>4293-816</td>
<td>8 x 16</td>
<td>122 x 94 m/1,000 m</td>
<td>7° x 5.4°</td>
<td>1,000 mm to ∞</td>
</tr>
</tbody>
</table>

SPECIFICATIONS

- Lens Type: Achromatic
- Lens Material: Glass
- Mount: Rubberized housing
- Warranty: Limited 5 Year

Microlux

- Compact design with pop-up lens
- Small, lightweight and inconspicuous
- The lens unit is stored safely in its built-in plastic housing and by squeezing the device, the lens will pop up into the viewing position; squeeze again and the lens will retract back inside
- Keplerian roof prism system with blue multi-coated lenses
- Rubber grip for comfortable, single-handed use
- Carrying wrist cord and protective case included

<table>
<thead>
<tr>
<th>Item</th>
<th>Magnification</th>
<th>Field of View</th>
<th>Focus</th>
<th>Working Distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>4294-413</td>
<td>4 x 13</td>
<td>13°</td>
<td>Fixed focus</td>
<td>4,000 mm to ∞</td>
</tr>
<tr>
<td>4294-618</td>
<td>6 x 18</td>
<td>8°</td>
<td>Slide focus</td>
<td>2,000 mm to ∞</td>
</tr>
</tbody>
</table>

SPECIFICATIONS

- Lens Type: Achromatic
- Lens Material: Glass
- Mount: Silver plastic housing with rubber grip
- Warranty: Limited 5 Year

Further technical information on the individual monoculars can be found on page 77.
UNIVERSAL CARRIER SYSTEM

UniADAPT Carrier Frame

- Carrier system designed to allow for Keplerian telescopes to be easily mounted for hands-free use
- Saddle bridge can be adjusted, both height and width
- Easily adjustable pupillary distance of 54 to 74 mm
- Wire core, cold bend temples
- Supplied with 2 fixed monocular mounts, rubber occluder cap, attachable rubber temple ends and zippered case
- The monocular mounts are set at infinity in relation to each other
- Occluder, headstrap and leather case included

SPECIFICATIONS

- Mount: Black, fiberglass reinforced plastic
- Frame Size: 21 mm
- Bridge Size: 20 mm, open saddle
- Temple Size: 150 mm
- PD Range: 54 - 74 mm
- Weight: 35 g
- Warranty: Limited 1 Year

Carrier Frame

- Titanium frame designed for mounting monocular telescopes
- Demo lenses with grid for simple centering of the lenses
- 3 frame sizes available
- Soft, adjustable, silicon saddle bridge
- Spring-hinged, rubberized temple ends
- Temples can be shortened

SPECIFICATIONS

- Mount: Silver
- Bridge Size: 16/18 mm with open saddle design
- Temple Size: 150 mm
- PD Range: 54 - 74 mm
- Weight: 11 g
- Rx-able: Yes
- Warranty: Limited 1 Year

<table>
<thead>
<tr>
<th>Item</th>
<th>Frame Size</th>
<th>Bridge Size</th>
<th>Temple Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1693-4916</td>
<td>49 mm</td>
<td>16 mm</td>
<td>150 mm</td>
</tr>
<tr>
<td>1693-5116</td>
<td>51 mm</td>
<td>16 mm</td>
<td>150 mm</td>
</tr>
<tr>
<td>1693-5218</td>
<td>52 mm</td>
<td>18 mm</td>
<td>150 mm</td>
</tr>
</tbody>
</table>
BINOCULARS

Vision

- Close focus binoculars that are less conspicuous
- Single handed use with adjustable focus wheel
- Compact, lightweight design
- High quality BK-7 Prisms for a true color image
- Built-in eyelets for around-the-neck lanyard included
- Protective case with belt loop and lanyard included

SPECIFICATIONS

- Lens Coating: Multi-layer
- Lens Size: 18 mm
- Weight: 5.6 oz
- Warranty: Limited 5 Year

<table>
<thead>
<tr>
<th>Item</th>
<th>Magnification</th>
<th>Field of View</th>
<th>Visual Field</th>
<th>Working Distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>4248-418</td>
<td>4.0x</td>
<td>9.8°</td>
<td>172 m / 1000 m</td>
<td>20 in. to ∞</td>
</tr>
<tr>
<td>4248-618</td>
<td>6.0x</td>
<td>9.1°</td>
<td>161 m / 1000 m</td>
<td>20 in. to ∞</td>
</tr>
</tbody>
</table>

Vektor

- Single handed use binocular with adjustable focus wheel
- Compact, lightweight design
- High quality BaK-4 Prisms for a true color image
- Built-in eyelets for around-the-neck lanyard included
- Protective case with belt loop and lens caps included

SPECIFICATIONS

- Lens Coating: Multi-layer
- Lens Size: 21 mm
- Weight: 6.4 oz
- Warranty: Limited 5 Year

<table>
<thead>
<tr>
<th>Item</th>
<th>Magnification</th>
<th>Near Point</th>
<th>Visual Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>4229-1</td>
<td>5.0x - 15.0x</td>
<td>2.5 m</td>
<td>105-52 m / 1000 m</td>
</tr>
</tbody>
</table>
WellnessPROTECT®

- Improves light sensitivity and minimizes glare by blocking short-wave, high energy light components in the blue part of the spectrum
- Lenses have an additional cut-off filter and absorb short-wave, high energy components of visible blue light
- Available in 5 standard tint colors: WP15 Light Amber, WP50/15 Gradient Amber, WP65 Dark Amber, WP75P Darker Amber Polarized, and WP85 Darkest Amber
- Can be prescription corrected and ordered in any tint color of choice through Eschenbach’s Custom Solutions Program (side shields can be tinted to match)
- 7 Frame styles available, designed to fit over spectacles
- All frames include top and side protection
- Widely set temples with transparent side shields
- Side Ventilation slot between temple and middle section prevents fogging of the lenses
- 100% UV protection and up to 99% blue light absorption
- Improves color recognition and improves sensitivity to glare
- Protective hard foam zippered case included

SPECIFICATIONS

- Lens Type: Blue light blocking (470nm and less)
- Lens Material: CR-39
- Frame Material: TR 90/Stainless Steel (1666 frames only)
- Rx-able: Yes
- Tint Color: Amber (15%, 65%, 85%, 50%-15%, 75%)
- Warranty: Limited 1 Year

<table>
<thead>
<tr>
<th>Item</th>
<th>Frame Size</th>
<th>Bridge Size</th>
<th>Temple Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1663-1</td>
<td>54 mm</td>
<td>16 mm</td>
<td>135 mm</td>
<td>Small, Brown Havana</td>
</tr>
<tr>
<td>1663-2</td>
<td>57 mm</td>
<td>16 mm</td>
<td>135 mm</td>
<td>Large, Brown Havana</td>
</tr>
<tr>
<td>1663-4</td>
<td>56 mm</td>
<td>15 mm</td>
<td>130 mm</td>
<td>Small, Black, Adjustable nose pads</td>
</tr>
<tr>
<td>1663-5</td>
<td>58 mm</td>
<td>16 mm</td>
<td>130 mm</td>
<td>Large, Black, Adjustable nose pads</td>
</tr>
<tr>
<td>1663-9</td>
<td>65 mm</td>
<td>12 mm</td>
<td>145 mm</td>
<td>XLarge, Black/Brown</td>
</tr>
<tr>
<td>1666-5617</td>
<td>56 mm</td>
<td>17 mm</td>
<td>140 mm</td>
<td>Small, Bronze, Adjustable nose pads, Supplied with plano lenses only</td>
</tr>
<tr>
<td>1666-5916</td>
<td>59 mm</td>
<td>16 mm</td>
<td>140 mm</td>
<td>Large, Gun Metal, Adjustable nose pads, Supplied with plano lenses only</td>
</tr>
</tbody>
</table>

Fits-over prescription eyewear

Without WellnessPROTECT®

With WellnessPROTECT®
WellnessPROTECT® Standard Tint Colors

<table>
<thead>
<tr>
<th></th>
<th>WP15</th>
<th>WP65</th>
<th>WP85</th>
<th>WP50-15</th>
<th>WP75P</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light Transmittance</td>
<td>Approx. 51%</td>
<td>Approx. 29%</td>
<td>Approx. 15%</td>
<td>Approx. 47%</td>
<td>Approx. 25%</td>
</tr>
<tr>
<td>Light Blocked</td>
<td>450 nm</td>
<td>450 nm</td>
<td>450 nm</td>
<td>450 nm</td>
<td>400 nm</td>
</tr>
</tbody>
</table>

WellnessPROTECT® Testers

- Includes set of 5 tinted lenses in lens holders
- 5 standard tint colors: WP15 Light Amber, WP50/15 Gradient Amber, WP65 Dark Amber, WP75P Darker Amber Polarized, and WP85 Darkest Amber
- Place each tint option over the current lenses or in front of a patient’s eyes so they can see the difference between all of the tint options to make the best selection
- Lens tint holders are marked with each lens tint color
- Each tester sits in a sturdy frame with a handle at the end so it can be easily held to look through
- Storage bag included for each lens tester

SPECIFICATIONS

- Tint Color: Amber (15%, 65%, 85%, 50%-15%, 75%)
- Dimensions: 5.77 in. W x 2 in. H
- Warranty: Limited 1 Year
Solar Shield®

- Contrast-enhancing filters that provide 40% more protection from the sun than ordinary sunglasses due to the protective top and side shield design
- 5 lens tints to choose from: Orange, Amber, Yellow, Plum and Gray Polarized
- Gray polarized and plum lenses decrease overall light transmission and reduce glare the most. Yellow, Orange, and Amber lenses decrease blue light transmission and enhance contrast the most.
- Blocks 100% of UVA/UVB light
- 3 frame sizes: Small, Medium, and Large
- Tortoise color frames with top and side shield protection
- Bend-to-fit temples provide a comfortable, custom fit
- Microfiber pouch included

**SPECIFICATIONS**

- Lens Material: Polycarbonate/Acetate (gray lens only)
- Frame Style: Fits over
- Mount: Plastic
- Temple Design: Bend-to-fit
- Warranty: Limited 1 Year
- Miscellaneous: Displays available - see display section

<table>
<thead>
<tr>
<th>Item</th>
<th>Size</th>
<th>Tint Color</th>
<th>Frame (A x B Measurement)</th>
<th>Fits-over Rx Frames</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAE-24354</td>
<td>Large</td>
<td>Orange</td>
<td>64 x 51 mm</td>
<td>137 x 48 mm</td>
</tr>
<tr>
<td>TAE-24353</td>
<td>Large</td>
<td>Amber</td>
<td>64 x 51 mm</td>
<td>137 x 48 mm</td>
</tr>
<tr>
<td>TAE-24357</td>
<td>Large</td>
<td>Yellow</td>
<td>64 x 51 mm</td>
<td>137 x 48 mm</td>
</tr>
<tr>
<td>TAE-2435P</td>
<td>Large</td>
<td>Plum</td>
<td>64 x 51 mm</td>
<td>137 x 48 mm</td>
</tr>
<tr>
<td>TAE-24150</td>
<td>Large</td>
<td>Gray P</td>
<td>64 x 51 mm</td>
<td>137 x 48 mm</td>
</tr>
<tr>
<td>TAE-27104</td>
<td>Medium</td>
<td>Orange</td>
<td>62 x 43 mm</td>
<td>127 x 38 mm</td>
</tr>
<tr>
<td>TAE-27102</td>
<td>Medium</td>
<td>Amber</td>
<td>62 x 43 mm</td>
<td>127 x 38 mm</td>
</tr>
<tr>
<td>TAE-27103</td>
<td>Medium</td>
<td>Yellow</td>
<td>62 x 43 mm</td>
<td>127 x 38 mm</td>
</tr>
<tr>
<td>TAE-2735P</td>
<td>Medium</td>
<td>Plum</td>
<td>62 x 43 mm</td>
<td>127 x 38 mm</td>
</tr>
<tr>
<td>TAE-27101</td>
<td>Medium</td>
<td>Gray P</td>
<td>62 x 43 mm</td>
<td>127 x 38 mm</td>
</tr>
<tr>
<td>TAE-25354</td>
<td>Small</td>
<td>Orange</td>
<td>59 x 46 mm</td>
<td>127 x 38 mm</td>
</tr>
<tr>
<td>TAE-25353</td>
<td>Small</td>
<td>Amber</td>
<td>59 x 46 mm</td>
<td>127 x 38 mm</td>
</tr>
<tr>
<td>TAE-25357</td>
<td>Small</td>
<td>Yellow</td>
<td>59 x 46 mm</td>
<td>127 x 38 mm</td>
</tr>
<tr>
<td>TAE-2535P</td>
<td>Small</td>
<td>Plum</td>
<td>59 x 46 mm</td>
<td>127 x 38 mm</td>
</tr>
<tr>
<td>TAE-25150</td>
<td>Small</td>
<td>Gray P</td>
<td>59 x 46 mm</td>
<td>127 x 38 mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tint Color</th>
<th>Light Blocked</th>
<th>Light Transmittance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orange</td>
<td>521 nm</td>
<td>32%</td>
</tr>
<tr>
<td>Amber</td>
<td>511 nm</td>
<td>10%</td>
</tr>
<tr>
<td>Yellow</td>
<td>450 nm</td>
<td>70%</td>
</tr>
<tr>
<td>Plum</td>
<td>400 nm</td>
<td>16%</td>
</tr>
<tr>
<td>Gray Polarized</td>
<td>400 nm</td>
<td>16%</td>
</tr>
</tbody>
</table>
**Solar Shield® ClipFlip**

- Clip-on absorptive filters that enhance vision and reduce glare through absorption of the short-wave, energy-rich ultraviolet light and blue components of the spectrum
- Filters clip onto eyewear to provide wrap-around protection and can be flipped up when not needed
- 3 Colors available; Solar Shield® Yellow, Plum and Gray
- 2 Frame sizes; Large and Extra-Large
- Blocks 100% of UVA/UVB light
- Microfiber pouch included

**SPECIFICATIONS**

- Lens Material: Polycarbonate
- Frame Style: Fits over
- Mount: Plastic
- Warranty: Limited 1 Year

<table>
<thead>
<tr>
<th>Item</th>
<th>Size</th>
<th>Color</th>
<th>Frame</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAE-10501314</td>
<td>Large</td>
<td>Gray</td>
<td>152 x 50 mm</td>
</tr>
<tr>
<td>TAE-10501315</td>
<td>Extra-Large</td>
<td>Gray</td>
<td>152 x 55 mm</td>
</tr>
<tr>
<td>TAE-10501316</td>
<td>Large</td>
<td>Amber</td>
<td>152 x 50 mm</td>
</tr>
<tr>
<td>TAE-10501319</td>
<td>Extra-Large</td>
<td>Amber</td>
<td>152 x 55 mm</td>
</tr>
<tr>
<td>TAE-10501317</td>
<td>Large</td>
<td>Yellow</td>
<td>152 x 50 mm</td>
</tr>
<tr>
<td>TAE-10501318</td>
<td>Extra-Large</td>
<td>Yellow</td>
<td>152 x 55 mm</td>
</tr>
</tbody>
</table>

**SolarComfort®**

- Contrast-enhancing filters with a wrap-around style
- 5 lens tints to choose from: Orange, Amber, Yellow, Plum and Gray Polarized
- Gray polarized and plum lenses decrease overall light transmission and reduce glare the most. Yellow, orange, and amber lenses decrease blue light transmission and enhance contrast the most.
- Blocks 100% of UVA/UVB light
- 1 frame size: 131 mm
- Bend-to-fit temples provide a comfortable, custom fit
- Tortoise color frame with black rubber nose pads
- Microfiber pouch included

**SPECIFICATIONS**

- Lens Material: Polycarbonate/Acetate (gray lens only)
- Frame Style: Wrap-around
- Mount: Nylon
- Temple Design: Bend-to-fit
- Warranty: Limited 1 Year

<table>
<thead>
<tr>
<th>Item</th>
<th>Tint Color</th>
<th>Light Blocked</th>
<th>Light Transmittance</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAE-6V55C52T</td>
<td>Orange</td>
<td>521 nm</td>
<td>32%</td>
</tr>
<tr>
<td>TAE-6V55C8T</td>
<td>Amber</td>
<td>511 nm</td>
<td>10%</td>
</tr>
<tr>
<td>TAE-6V55C5YT</td>
<td>Yellow</td>
<td>450 nm</td>
<td>70%</td>
</tr>
<tr>
<td>TAE-6V55C5PT</td>
<td>Plum</td>
<td>400 nm</td>
<td>16%</td>
</tr>
<tr>
<td>TAE-6V55SST</td>
<td>Gray Polarized</td>
<td>400 nm</td>
<td>16%</td>
</tr>
</tbody>
</table>
Haven® Sunwear

- Absorptive filters with polarized lenses
- 3 lens tints to choose from: Gray, Amber and Yellow
- Gray and yellow lenses are offered in a black frame while amber is offered in a tortoise frame only
- Hard coating prevents scratching and oleophobic coating repels water, oil and smudges
- 6 frame sizes: Small, Medium, Medium/Large, Large and Extra-Large (3 feature fits-over style, 3 feature panoramic style)
- Lenses decrease blue light transmission and enhance contrast
- Blocks 100% of UVA/UVB light
- Lightweight nylon frames feature adjustable ‘bend-to-fit’ temples
- Microfiber pouch included

**SPECIFICATIONS**

- **Lens Material:** Polycarbonate
- **Lens Coating:** Oleophobic coating
- **Temple Design:** Bend to fit
- **Frame Style:** Fits-over/ Wrap around
- **Warranty:** Limited 1 Year
- **Miscellaneous:** Displays available - see display section

### Fits-over

<table>
<thead>
<tr>
<th>Item</th>
<th>Style/Size</th>
<th>Frame Color</th>
<th>Tint</th>
<th>Fits-over (A x B Measurement)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAE-3H5600S</td>
<td>Meridian (M)</td>
<td>Black</td>
<td>Gray</td>
<td>132 x 41 mm</td>
</tr>
<tr>
<td>TAE-3H5653ST</td>
<td>Meridian (M)</td>
<td>Tortoise</td>
<td>Amber</td>
<td>132 x 41 mm</td>
</tr>
<tr>
<td>TAE-3H5607S</td>
<td>Meridian (M)</td>
<td>Black</td>
<td>Yellow</td>
<td>132 x 41 mm</td>
</tr>
<tr>
<td>TAE-3H4600S</td>
<td>Summerwood (L)</td>
<td>Black</td>
<td>Gray</td>
<td>138 x 50 mm</td>
</tr>
<tr>
<td>TAE-3H4653ST</td>
<td>Summerwood (L)</td>
<td>Tortoise</td>
<td>Amber</td>
<td>138 x 50 mm</td>
</tr>
<tr>
<td>TAE-3H4607S</td>
<td>Summerwood (L)</td>
<td>Black</td>
<td>Yellow</td>
<td>138 x 50 mm</td>
</tr>
<tr>
<td>TAE-3H3600S</td>
<td>Banyan (XL)</td>
<td>Black</td>
<td>Gray</td>
<td>141 x 52 mm</td>
</tr>
<tr>
<td>TAE-3H36543ST</td>
<td>Banyan (XL)</td>
<td>Tortoise</td>
<td>Amber</td>
<td>141 x 52 mm</td>
</tr>
<tr>
<td>TAE-3H3607S</td>
<td>Banyan (XL)</td>
<td>Black</td>
<td>Yellow</td>
<td>141 x 52 mm</td>
</tr>
</tbody>
</table>

### Wrap around

<table>
<thead>
<tr>
<th>Item</th>
<th>Style</th>
<th>Frame Color</th>
<th>Tint</th>
<th>Fits-over (A x B Measurement)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAE-3HRT600S</td>
<td>Tolosa (M)</td>
<td>Black</td>
<td>Gray</td>
<td>128 x 34 mm</td>
</tr>
<tr>
<td>TAE-3HRT653ST</td>
<td>Tolosa (M)</td>
<td>Tortoise</td>
<td>Amber</td>
<td>128 x 34 mm</td>
</tr>
<tr>
<td>TAE-3HRT607S</td>
<td>Tolosa (M)</td>
<td>Black</td>
<td>Yellow</td>
<td>128 x 34 mm</td>
</tr>
<tr>
<td>TAE-3HRM600S</td>
<td>Malloy (M/L)</td>
<td>Black</td>
<td>Gray</td>
<td>132 x 39 mm</td>
</tr>
<tr>
<td>TAE-3HRM653ST</td>
<td>Malloy (M/L)</td>
<td>Tortoise</td>
<td>Amber</td>
<td>132 x 39 mm</td>
</tr>
<tr>
<td>TAE-3HRM607S</td>
<td>Malloy (M/L)</td>
<td>Black</td>
<td>Yellow</td>
<td>132 x 39 mm</td>
</tr>
<tr>
<td>TAE-3HRH600S</td>
<td>Hunter (L)</td>
<td>Black</td>
<td>Gray</td>
<td>134 x 37 mm</td>
</tr>
<tr>
<td>TAE-3HRH653ST</td>
<td>Hunter (L)</td>
<td>Tortoise</td>
<td>Amber</td>
<td>134 x 37 mm</td>
</tr>
<tr>
<td>TAE-3HRH607A</td>
<td>Hunter (L)</td>
<td>Black</td>
<td>Yellow</td>
<td>134 x 37 mm</td>
</tr>
</tbody>
</table>

### Tint Color

<table>
<thead>
<tr>
<th>Tint Color</th>
<th>Light Blocked</th>
<th>Light Transmittance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gray</td>
<td>400 nm</td>
<td>15%</td>
</tr>
<tr>
<td>Amber</td>
<td>400 nm</td>
<td>15%</td>
</tr>
<tr>
<td>Yellow</td>
<td>450 nm</td>
<td>26%</td>
</tr>
</tbody>
</table>

TAE-3H5653ST Meridian (Amber tint available in Tortoise frames only)
Haven® Night Drivers

- Fit-over tinted glasses designed specifically to reduce headlight glare when driving at night
- 1 lens tint color: Yellow (400 nm cut-off)
- Yellow lenses block bothersome blue light from car headlights while allowing the driver to distinguish between traffic light colors
- Non-Polarized for digital display legibility (i.e. dashboard, GPS)
- Blocks 100% of UVA/UVB light
- Hard coating prevents scratching and oleophobic coating repels water, oil and smudges
- 3 frame sizes: Medium, Medium/Large and Large
- Lightweight nylon frames feature adjustable ‘bend-to-fit’ temples
- Microfiber pouch included

Circuit FLEX Sunglasses

- Wrap-around style sunglasses designed for making prescription-corrected filters for patients with higher refractive errors
- Frames provide 8-base protection, but with the removable 6-base adapter in place, lenses can be made to accommodate stronger refractive errors
- 1 lens tint color; Gray (400nm cut-off, 15% light transmission)
- Blocks 100% of UVA/UVB light
- 2 frame sizes: Large and Extra-Large
- Flexible nylon frames feature adjustable ‘bend-to-fit’ temples and full coverage protection
- Rubberized nose and ear pieces provide a comfortable fit
- Zippered case and lanyard included

SPECIFICATIONS

- Lens Material: Acetate
- Lens Coating: A/R, oleophobic, & anti-scratch coatings
- Mount: Plastic
- Temple Design: Bend-to-fit
- Tint Color: Light Yellow
- Warranty: Limited 1 Year
- Miscellaneous: Displays available - see display section

<table>
<thead>
<tr>
<th>Item</th>
<th>Size</th>
<th>Frame</th>
<th>Fits-over (A x B Measurement)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAE-3H10600655</td>
<td>Medium</td>
<td>Classic Mod Rectangular</td>
<td>127 x 38 mm</td>
</tr>
<tr>
<td>TAE-3H10600656</td>
<td>Medium/Large</td>
<td>Classic Wide Rectangular</td>
<td>133 x 38 mm</td>
</tr>
<tr>
<td>TAE-3H10600654</td>
<td>Large</td>
<td>Classic Square</td>
<td>136 x 47 mm</td>
</tr>
</tbody>
</table>

SPECIFICATIONS

- Lens Material: Polycarbonate
- Temple Design: Adjustable temples
- Rx-able: Yes
- Tint Color: Gray
- Warranty: Limited 1 Year

<table>
<thead>
<tr>
<th>Item</th>
<th>Frame Size</th>
<th>Bridge Size</th>
<th>Temple Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H-451160247-L</td>
<td>55 mm</td>
<td>22 mm</td>
<td>118 mm</td>
<td>Large, Shiny Black</td>
</tr>
<tr>
<td>H-451140247-XL</td>
<td>60 mm</td>
<td>23 mm</td>
<td>118 mm</td>
<td>Extra-Large, Matte Black</td>
</tr>
</tbody>
</table>
WellnessPROTECT® Tint Information:
Name | Light Transmitted* | Light Blocked
---|---|---
WP15 | 51% | 450 nm
WP60/15 | 47% | 450 nm
WP65 | 29% | 450 nm
WP75P | 25% | 400 nm
WP85 | 15% | 450 nm

Solar Shield® Tint Information:
Name | Light Transmitted* | Light Blocked
---|---|---
Yellow | 70% | 450 nm
Orange | 32% | 521 nm
Plum | 16% | 400 nm
Amber | 10% | 511 nm

Other Tint Information:
Name | Light Transmitted* | Light Blocked
---|---|---
Amber | 64% | 400 nm
Amber | 25% | 400 nm
AmberP | 46% | 400 nm**
Amber | 15% | 400 nm
Amber | 6% | 490 nm
Amber | 3% | 400 nm
Green | 58% | 400 nm**
Gray | 58% | 400 nm**
GrayP | 21% | 400 nm**
Gray | 11% | 400 nm
Gray | 4% | 400 nm
Blue | 16% | 400 nm

Absorptive Filters
WellnessPROTECT® Tints:
- WP15 51%
- WP60/15 47%
- WP65 29%
- WP75P 25%
- WP85 15%

Solar Shield® Tints:
- Yellow 70%
- Orange 32%
- Plum 16%
- Amber 10%

Other Tints:
- Amber 64%
- Amber 25%
- AmberP 46%
- Amber 15%
- Amber 6%
- Amber 3%
- Green 58%
- Gray 58%
- GrayP 21%
- Gray 11%
- Gray 4%
- Blue 16%

Tint colors shown with name and light transmission percentage. P = Polarized.
Colors may vary depending on the lens material chosen and whether polarization is added. Polarization is not available on all lens options. (Contact Customer Service for details.)

Specifications:
- Lens Material: Polycarbonate
- Lens Dimensions: 45 mm (2 of each color)
- Kit Dimensions: 21 in. x 9.5 in. x 8 in.
- Warranty: Limited 1 Year

Tint Kit
- Assortment of 36 tint colors for trial purposes
- Sturdy aluminum case with handle
- 2 Custom foam inserts protect contents
- 2 Lens holders included
- 8 Frames included: 6 WellnessPROTECT® and 2 Circuit FLEX
- Tint legend includes light transmission information
- Cleaning cloth included

Tints shown with name and light transmission percentage. P = Polarized.
Vario DIGITAL

- Desktop video magnifier with outstanding image quality and compact design
- Easy-to-use menu buttons and turn dials with voice output
- Individually adjustable LEDs for shadow free illumination
- Frame rate of 60fps provides true color image
- Full high definition (FHD) built-in camera with autofocus
- Images can be captured and stored on a removable SD card
- Large field of view with optical/digital zoom up to 45x
- Foldable design and handle for portability
- Built-in Type C USB port for data transfer
- Supports SD, SDHC (max. 32 GB)
- Dimensions: 378 mm × 460 mm × 132 mm (WxHxD)

**SPECIFICATIONS**

- Magnification: 1.3-45x
- Illumination: LED
- Power Source: AC
- Weight: 13.9 lbs.
- Display Size: 15.6 in., 16:9 widescreen format
- Viewing Modes: True color as well as 14 false colors
- Contrast Ratio: 1000 : 1
- Warranty: Limited 2 Year
Visolux Digital XL FHD

- Advanced portable video magnifier with extra-large 12 in. TFT LCD and touch screen technology
- Color coded buttons for contrast, photo capture and zoom
- Easy-to-use menu with button located at the top of the unit
- Speech output on all menu items selected
- Fold-out stand for comfortable viewing angle, allows for writing underneath
- 3 brightness settings (100%, 75%, 50%)
- Full high definition (FHD) built-in camera
- Images can be stored on a removable 8GB SD card (included)
- Dynamic Line Scrolling feature enables vertical and horizontal scrolling of the reading area without lifting the device
- Additional HDMI input for connecting an external camera with live image feed, distance viewing accessories are sold separately (Camcorder, HDMI Cable and Tripod)
- Lithium-polymer battery for up to 2.5 hours of operation
- USB cable for downloading images to MAC/PC included
- Protective zippered case included

Accessories:
1655-109 Visolux Digital Carrying Case
- Black nylon carrying case with handles and removable strap
- Dimensions: 13” L x 3.75” W x 10” H

CAHFR800B Canon Vixia Camcorder
- 57x advanced zoom
- 1920 x 1080 p60 image resolution

P620-420BB 42” PlatinumPlus Tripod
- Used to stabilize the camcorder to view distant objects for extended periods of time
- Features 3 legs that extend from 11- 42”

PEHDCRS10 Swiveling HDMI Mini Cable
- Connect the Canon Vixia Camcorder to the Visolux Digital XL FHD so it can view distance objects
- 1.5 ft. and 3 ft. cords available

SPECIFICATIONS
- Magnification: 2-22x, in steps or continuous zoom
- Illumination: LED
- Power Source: Lithium-polymer battery - 2.5 hrs. of operation, recharge 4.5 hrs.
- Weight: 2.2 lbs.
- Display Size: 12” non-reflective TFT LCD display, 16:9 widescreen format
- Viewing Modes: True color as well as 14 false colors
- Image resolution: 1920x1080 pixels using an FHD camera
- Warranty: Limited 2 Year
- Miscellaneous: Display available - see display section
Visolux Digital HD

- Advanced portable video magnifier with 7 in. TFT LCD screen
- Color coded buttons for contrast, photo and zoom
- Easy-to-use menu with button located at the top of the unit
- Fold-out stand for comfortable viewing angle
- 3 brightness settings (100%, 75%, 50%)
- High definition (HD) built-in camera
- Images can be captured and stored on a removable 4GB SD card (included)
- Dynamic Line Scrolling feature enables horizontal scrolling of the reading area without lifting the device
- Additional HDMI input for connecting to a television screen
- Lithium-ion battery for up to 3.5 hours of operation
- USB cable for downloading images to MAC/PC included
- Protective zippered case included

**SPECIFICATIONS**

- **Magnification:** 2-22x, in steps or continuous zoom
- **Illumination:** LED
- **Power Source:** Lithium-ion battery - 3.5 hrs. of operation, recharge 2-3.5 hrs.
- **Weight:** 16 oz.
- **Display Size:** 7" LCD display with anti-glare coating
- **Viewing Modes:** True color as well as 14 false colors
- **Image resolution:** 1024x600
- **Warranty:** Limited 2 Year
- **Accessories:** Visolux Digital HD Base (1652-10), Visolux Digital HD Bumper (1652-108)
- **Miscellaneous:** Display available - see display section

**Accessories:**

1652-10 Visolux Digital HD Base
- Increases the distance away from the viewing area reducing the magnification
- Allows for writing underneath

1652-108 Visolux Digital HD Bumper
- Perfect all-round protection
- More secure grip
Mobilux® DIGITAL Touch HD

- Advanced hand-held video magnifier with 4.3” touch screen display and built-in stand
- HD camera for maximum definition and optimum contrast
- Generous depth of focus for variable viewing distances
- Stable support allows for different uses:
  - placed on the reading material for tremble-free image when reading lengthier texts
  - hand-held for orientation on the reading material and for headings
  - can be tilted for comfortable viewing angle
- 5 viewing modes: true color, contrast-enhanced black/white, white/black, black/yellow and yellow/black
- Line orientation (reading line) for improved continuity of reading
- LCD brightness can be dimmed or turned off
- Image capture function for storing images on pre-installed SD card
- Images can be transfered onto a computer via the USB cable
- Screen-reading function shows live view on a computer monitor
- Automatic shut-off if the device has not been used for approx. 3 minutes to ensure low power consumption
- Lithium-ion battery for up to 5 hours of operation
- Mains voltage requirement for battery charger: 110 V-240 V, 50-60 Hz
- Mobilux® Digital Base 1651-105 included (also sold separately)
- Protective foam case, lanyard and cleaning cloth included

1651-105 Mobilux® Digital Base (included)
- Increases the field of view and reduces the starting magnification to 2.5x

**SPECIFICATIONS**

- Magnification: 4-15x
- Illumination: SMD LED
- Power Source: Lithium-ion battery - 3 hrs. of operation, recharge time 2 hrs.
- Weight: 8 oz.
- Display Size: 4.3 in.
- Viewing Modes: True color as well as 4 false colors
- Warranty: Limited 2 Year
- Miscellaneous: Display available - see display section
Smartlux® DIGITAL

- Multi-functional hand-held video magnifier with 5” LCD and fold-out stand
- LCD brightness can be dimmed or turned off
- 5 viewing modes: True color as well as contrast-enhanced black/white, white/black, black/yellow, yellow/black
- Generous depth of focus for variable viewing distances
- Freeze-frame and image capture function: images can be quickly captured. If required, up to 20 of these images can be permanently stored and managed.
- Integrated stand can be adjusted for 3 different uses:
  - fully retracted for hand-held use
  - fully extended for placing on reading material
  - partially extended for writing or working hands-free under the display
- Automatic shut-off if the device has not been used for approx. 3 minutes to ensure low power consumption
- Large RESET button under the folding stand
- Lithium-ion battery for up to 2.5 hours of operation
- Mains voltage requirement for battery charger: 110 V-240 V, 50-60 Hz
- Protective zippered foam case and lanyard included

Accessories:
1650-1108 Smartlux® Digital Bumper
- Perfect all-round protection
- More secure grip

SPECIFICATIONS

- Magnification: 5x, 7x, 9x, and 12x
- Illumination: SMD LED
- Power Source: Lithium-ion battery - 2.5 hrs. of operation, recharge time: 2 hrs.
- Weight: 7.8 oz.
- Display Size: 5 in.
- Viewing Modes: True color as well as 4 false colors
- Image resolution: 800 x 480 pixels
- Warranty: Limited 2 Year
- Accessories: Smartlux® Digital Bumper (1650-1108)
- Miscellaneous: Display available - see display section
**TASK LIGHTING**

**Headlight LED**

- Small, lightweight and compact LED light with adapters to attach to 3 different products: MaxDetail® (1624-51), Headband Magnifier (1648-xx) and the Stand Combination magnifiers (2031, 2032, 2034, & 2036).
- Light can be concentrated at a specific working distance by means of CPC optics (Compound Parabolic Concentrator).
- Light is focused in a precise and glare-free manner.
- Power supply via handy, compact battery housing and cable.
- Flexible cable with additional adapter for attaching to eyewear temple.
- Virtually constant illumination throughout the entire lighting period.
- Illumination strength: approx. 3,200 lx in 250 mm, 1,200 lx in 400 mm.
- Illumination period: approx. 8 hours in normal mode, approx. 14 hours in eco mode.
- Lamp housing: Dimensions: 32 x 20 x 34 mm, Weight: 11 g.
- Battery housing: Dimensions: 90 x 55 x 29 mm (without clip), 1m cable length. Weight: 60 g (without batteries).
- Hard foam case and belt clip for battery housing included.

**SPECIFICATIONS**

- Illumination: SMD LED
- Power Source: 3 AA batteries (included)
- Viewing Modes: 2 Brightness settings
- Warranty: Limited 1 Year

**Also Available:**

**1604-22**
Headlight LED with clip for spectacle wearers

**1624-52**
Headlight LED with MaxDETAIL®
Chameleon Table Lamp

- Lamp provides five different light color options and brightness levels to optimize the viewing environment
- Offers superior illumination with an exceptionally high Color Rendering Index score (94 out of 100) which makes for near perfect contrast and color matching.
- Flexible 28” arm and lamp head rotates 270°
- Cover over the LEDs blocks 65% of blue light (which can cause symptoms of Digital Eye Strain)
- Touch-button operated panel controls the power, color temperature, brightness, night light and automatic shut-off timer
- High-contrast black and white control panel is water resistant and features LED identifiers and audio signal
- Wireless remote controls the power, color temperature and brightness - works up to 20 ft. away
- Lamp turns off after 10 hours if not timer is set
- USB outlet on base for mobile device charging

Halogen Desk Lamp

- Features a telescopic arm and a swivel head allows a variety of positions for any task
- Broad beam lamp with halogen light provides a strong illumination for any visual task and is well ventilated so it stays cool during use
- Telescoping arm extends from 5 in. to 16 in.
- Lamp head swivels in 2 directions

SPECIFICATIONS

- **Chameleon Table Lamp**
  - Power Source: AC; Power plug and cable included
  - Viewing Modes: 5 Brightness settings; 20%, 40%, 60%, 80%, 100%, 10 hour automatic shut-off feature
  - Weight: 4 lbs.
  - Warranty: Limited 1 Year

- **Halogen Desk Lamp**
  - Illumination: Halogen (1602-02 bulb included)
  - Power Source: AC
  - Mount: White Plastic
  - Warranty: Limited 1 Year
Reading Stand

- Encourages an upright, ergonomically correct reading position, preventing back pain
- When used in conjunction with a magnifying vision aid, an optimum angle of view and a uniform distance to the reading material are always achieved
- Guarantees stability and a tremble-free image
- 5 different angles of adjustment
- Edge stopper prevents slipping
- Supplied with clamp attachment for large papers

**SPECIFICATIONS**

- Material: Maple wood
- Dimensions: 16 x 14 in. surface area
- Warranty: Limited 1 Year

**Accessories:**

- **1605-1 Guide Rail**
  - Facilitates line orientation on the reading stand
  - Can be secured at any height by means of a fixing screw
  - Material: Maple wood

Large Reading Stand

- Designed to provide a comfortable reading position when using a high power magnifier
- Magnetic strips on the back side of clip board allow the height to be adjusted
- Comes complete with 1 vertical clipboard

**SPECIFICATIONS**

- Material: Poplar wood
- Dimensions: 14 x 9 in. surface area
- Warranty: Limited 1 Year
DuoCLIP Table Clamp

• Table clamp attaches to the edge of most standard desks or tables to hold a hand-held magnifier for “hands-free” viewing
• The flexible, black gooseneck metal arm allows for the attached magnifier to be placed in almost any position
• Metal arm with plastic clamps on each end
• Clamping jaws open 1.77 in. wide and have sponge rubber disks to provide a firm grip on surfaces

SPECIFICATIONS

✦ Material: Metal arm, plastic clamps
✦ Dimensions: 13 in. long
✦ Warranty: Limited 1 Year

Replacement Bulbs

1544 Incandescent Bulb
• For Mobilux® Economy illuminated magnifiers (1510’s)
• 2 per package

1545 Incandescent Bulb
• For System VarioPLUS battery handle (1599-10)
• 5 per package

1546 Halogen Bulb
• For stand magnifiers (15xx-7204, 15xx-9204, 1592-04, 1599-204, 1591-704)
• 2 per package

1602-2 Halogen Bulb
• For Halogen Lamp (1602-04)
• 1 per package

2771-827 Fluorescent Bulb (Yellow)
• For VarioMAXI (2771-104)
• 1 per package

2771-841 Fluorescent Bulb (White)
• For VarioMAXI (2771-104)
• 1 per package

Replacement Batteries

EB-CR2025 Battery
• For EasyPOCKET Illuminated Magnifiers (1521s)
• 3-Volt Lithium coin battery
• 8 per package

EB-CR2032 Battery
• For EasyPOCKET XL (1522-10, 1522-11)
• 3-Volt Lithium coin battery
• 8 per package
VISION CHARTS

Near Reading Card

- Provides an effective method to expedite the process of determining the needed magnification within minutes!
- Also available in Spanish (C-100-S) and French (C-100-F)
- Each line of text lists Snellen near equivalent (at 16”), M notion, dioptric power requirement and magnification requirement
- Snellen Acuity Range: 20/50-20/800

To use: Have the patient read the chart, holding it at a comfortable reading distance with best corrected vision. When the patient can no longer read the print, make a note of which line could not be read. Above that line to the right is the approximate magnification and dioptric powers needed to read standard news print (1M).

Continuous Text Low Contrast Chart

- Used to determine which illumination option is best for a patient and to demonstrate the benefits of contrast-enhancing filters
- Printed at 20/400 acuity so it can be read by most visually impaired patients
- Includes 5 pages printed with either 25%, 10%, 5%, 2.5% or 1.25% contrast sensitivity function scores
- Printed on sturdy polystyrene with matte finish and spiral binding

To use: Have your patient begin reading the first page (25%) and then have them read as many additional pages as possible. When they begin to have difficulty, look at the lower right hand corner of the page and note the contrast sensitivity score. You can use this score to help determine the best illumination option for patients (e.g., those with a high % contrast score tend to prefer halogen or LED illumination and those with a low % contrast score tend to prefer incandescent or no illumination). In addition, by comparing scores over time, you can adjust the illumination option for a patient (a patient who scored 2.5% six months ago and who now scores 10% might not need a stronger magnifier, just a different illumination option).
Distance Reading Chart

- Acuity test designed by Dr. William Feinbloom
- Allows the low vision practitioner the flexibility to adjust the distance acuity measuring process to meet the abilities of the patient
- Calibrated for use at 10 feet away
- Snellen Acuity Range: 10/10 to 10/700
- Printed on heavy gauge laminate paper with spiral binding

Simulator Kit

- Set of 4 vision loss simulator glasses
- Can be used to demonstrate examples of the four major underlying eye diseases that cause Low Vision: macular degeneration, diabetic retinopathy, cataracts, and glaucoma.
- Can be worn by staff and/or family members so they can experience what it looks like to have one of the major eye diseases that causes low vision
- By understanding the effects these eye diseases have on your vision, it is easier to appreciate why low vision devices are needed
- Each simulator has the eye disease it is simulating printed on the temple
**PRESENTATION SYSTEM**

**Optoform Cabinet**

- High quality diagnostic dispensing system providing a comprehensive assortment of vision aids from Eschenbach
- The ideal solution to promote product inventory and provides a practical merchandising tool for successful discussions with customers
- Sophisticated design for high quality product presentation
- 2 Floating glass shelves provide storage and draw attention to the products
- LED illuminated display case with clear glass top allows the top product tray to be clearly presented
- Cabinet door includes a key lock to ensure dust-free and safe storage of the product trays
- Main cabinet holds 7 trays
- Flexible tray system presents the product range in a clear and professional manner, ideal for demonstrating products to your customers
- Illuminated top header panel draws the attention of the customer to the product highlights
- Display unit is equipped with casters for easy maneuvering - rear casters can be locked to guarantee stability
- Display Cabinet (1895-C) and Display Top (1895-T) can be ordered separately

**SPECIFICATIONS**

- Illumination: LED strip
- Power Source: AC with 230 V/50 Hz
- Weight: 132 lbs. (without product)
- Dimensions: 21.8 in. x 17.7 in. x 71.6 in (WxDxH)
- Material: Wood

**LOW VISION PROGRAM**

The Optoform Cabinet is one of the key elements of the Eschenbach Low Vision Program which is a turnkey package designed specifically to easily add low vision care to your practice.

We’ll provide you with all the tools you need to successfully incorporate low vision care into your practice so that you can help your visually impaired patients remain independent and maximize their quality of life!

The Low Vision Program consists of 3 simple components:

**In-office Training**
A knowledgeable Eschenbach Territory Manager will come to your practice to conduct extensive training for you and/or your staff on vision aid applications, as well as provide dispensing tips and share practice management techniques.

**Consultative Support**
You’ll be provided with a vast range of marketing tools including patient screening materials, third-party reimbursement codes, and other resources that have been developed based on input from hundreds of successful low vision practices.

**A Diagnostic Dispensing System:**
An attractive and functional Optoform Cabinet (1895) that contains a comprehensive diagnostic inventory of vision aids to meet the diverse functional needs of your visually impaired patients. Several standard tray assortments are available as well as customizable packages.

Learn more by contacting Eschenbach Optik of America, Inc. at (800) 487-5389.
Premium Table-top Optoform Display

- Premium table-top display showcases a variety of magnifier solutions (product sold separately)
- Includes 2 pull-out shelves that hold any Eschenbach tray insert, or 2 half-tray inserts
- Top shelf provides extra display room
- A clear plastic door covers the front opening to keep dust out and can be removed if desired
- 3 interchangeable header graphics included
- Dimensions: 19 in. x 14 in. x 30 in. (LxWxH)

Easy Vision Display

- Table-top display with an assortment of low powered magnification devices that can be used for near, far, and intermediate tasks
- Dimensions: 19.5 in. x 11.25 in. x 10 in. (LxWxH)

Contents:

Mobilux® LED (1511-3), EasyPOCKET (1521-10, 1521-22)
Makrolux (1436-11), Scribolux (1565-12), Powerlux (1586-14)
MiniFrame Bifo (2906-034, 2906-036), MaxDetail® Clip (1624-6),
MaxTV® (1624-11), and Smartlux® Digital (1650-11)

Portable Low Vision Kit

- Features a broad range of vision aids for near and distance tasks
- Holds 35 vision aids, 2 custom foam inserts, 2 reading charts
- 2 Case designs: rolling case with wheels & telescoping handle or carrying case with handles and shoulder strap
- Dimensions: 27 in. x 9.5 in. x 18.25 in. (LxWxH)

Contents:

1  1650-11 SmartLux® Digital
1  1652-1 Visolux Digital
4  1511-x Mobilux® LEDs 10D/16D/20D/24D
4  1511-xxx Mobase Stands
3  1521-xx EasyPOCKET magnifiers 6D/10D/10D
1  1436-11 Makrolux
1  1438-30 MenasLux
1  1565-12 Scribolux
1  1566 Visolux+
1  1624-11 MaxTV®
1  1624-21 MaxTV® Clip
1  1624-51 MaxDetail®
1  1624-6 MaxDetail® Clip
1  1634 Galilean 3x Telescope
1  4293-xxx Monocular 4x/6x
3  2913-xxx Ready Readers 3.00D/3.50D/4.00D
1  FGX-101x Lightspecs® Readers +5.00D
3  B-3000-x Economy Plus Prism Eyewear 6D/8D/10D
5  TAE-xxxxx Solar Shield® Large Gray & Yellow, Medium Amber & Plum, Small Orange
1  TAE-6V55x SolarComfort® Amber
Full Tray Assortments

Hand-held and Folding Pocket Magnifiers Tray

Contents: 1521-10 (3x), 1521-11 (3x), 1521-22 (4x) EasyPOCKET magnifiers; 1710-14 (4x), 1710-67 (7x), 1710-910 (10x) Mobilent pocket magnifiers; 1740-x30 (6x), 1752-x50 (3.5x), 1740-x60 (3.5x), 1752-x50 (3.5x), 1752-x60 (3.5x) Folding pocket magnifiers; and tray insert 1832-13.

Mobilux® LED Hand-Held Magnifiers Tray

Contents: 1511-2 (3x), 1511-3 (3.5x), 1511-4 (4x), 1511-41 (4x), 1511-5 (5x), 1511-6 (6x), 1511-7 (7x), 1511-10 (10x), 1511-12 (12.5x) Mobilux® LED magnifiers; and tray insert 1837-63.

Noves Eyewear Tray

Contents: 1681-3-L (12D Left), 1681-3-R (12D Right), 1681-4-L (16D Left), 1681-4-R (16D Right), 1681-5-L (20D Left), 1681-5-R (20D Right), 1681-6-L (24D Left), 1681-3-R (24D Right), Noves Mono; 1682-4 (4D), 1682-5 (5D), 1682-6 (6D), 1682-8 (8D), 1682-10 (10D) Noves Bino; and tray insert 1697-73.

Galilean and Keplerian Telescopes Tray

Contents: 1624-11 MaxTV® (2.1x); 1624-51 MaxDetail® (2x); 1624-6 MaxDetail® Clip (2x); 1631 Frame; 1634 (3x), 1634-4 (4x), 1636-3 (3x) Galilean Binoculars; 1671-1 Finger Ring; 1673-1 (2.8x), 1673-2 (4.2x), 1673-3 (4.2x) Keplerian Monoculars; and tray insert 1695-13.
Half Tray Assortments

Hand-Held Video Magnifiers Half Tray

**Contents:** 1650-11 Smartlux® Digital, 1651-1 Mobilux® Digital Touch HD, and 1880-23 custom insert.

Portable Video Magnifiers Half Tray

**Contents:** 1650-11 Smartlux® Digital, 1652-1 Visolux Digital HD, and the 1880-33 custom insert.

VLD XL Video Magnifier Half Tray

**Contents:** 1655-1 Visolux Digital XL and the 1880-43 custom insert.

Mobilux® LED Half Tray

**Contents:** 1511-2 (2x), 1511-41 (4x), 1511-5 (5x), 1511-6 (6x) Mobilux® LED Magnifiers and 1881-03 custom insert.

Mobilux® LED Half Tray

**Contents:** 1511-5 (5x), 1511-6 (6x), 1511-7 (7x), 1511-10 (10x), 1511-12 (12.5x) Mobilux® LED Magnifiers and 1881-3 custom insert.

Mobilux® LED Half Tray

**Contents:** 2 1511-3 (3.5x), 2 1511-4 (4x) Mobilux® LED Magnifiers and 1881-23 custom insert.
Mobilux® LED
EasyPOCKET
Half Tray

Contents: 1511-3 (3.5x), 1511-4 (4x)
Mobilux® LED Magnifiers, 1521-10 (3x),
1521-11 (3x), 1521-22 (4x) EasyPOCKET
and 1881-33 custom insert.

Mobilux® LED/
Mobase
Half Tray

Contents: 1511-3 (3.5x), 1511-5 (5x),
1511-7 (7x), 1511-10 (10x) Mobilux®
LED Magnifiers, 1511-001, 1511-002,
1500-003, 1500-004 Mobase Stands
and 1881-43 custom insert.

Mobilux® LED
Half Tray

Contents: 1511-2 (3x), 2 1511-3
(3.5x), 1511-4 (4x) Mobilux® LED
Magnifiers and 1881-53 custom insert.

Stand
Magnifiers
Half Tray

Contents: 1436-11 (2.2x), 1436-21 (3.6x)
Makrolux, 1565-12 (2.8x) Scribolux, 1566
(3x) Visolux+ and 1882-03 custom insert.

System
VarioPLUS
Half Tray

Contents: 1599-144 LED Handle, 1557-
73 (12.5x), 1550-73 (10x), 1551-73 (7x),
1552-73 (6x), 1553-93 (5x), 1554-93 (4x),
1559-93 (3x) Round Head Magnifiers, and
1882-33 custom insert.

System
VarioPLUS
Half Tray

Contents: 1599-144 LED Handle, 1580-
63 (3x), 1582-63 (2.8x), 1581-73 (3.9x)
Rectangular Head Magnifier, and 1882-43
custom insert.
**Powerlux Half Tray**

**Contents:** 1586-14 (3.5x), 1586-20 (5x), 1586-28 (7x) Powerlux Magnifiers and 1882-63 custom insert.

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**EasyPOCKET/ EasyPOCKET XL Half Tray**

**Contents:** 1521-10 (3x), 1521-11 (3x), 1521-22 (4x) EasyPOCKET magnifiers, 1522-10 (2.5x), 1522-11 (2.5x) EasyPOCKET XL magnifiers, and 1883-33 custom insert.

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**MaxTV®/ MaxDETAIL® Half Tray**

**Contents:** 1624-11 MaxTV®, 1624-21 MaxTV® Clip, 1624-51 MaxDetail®, 1624-6 MaxDetail® Clip and the 1883-13 custom insert.

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**Gray Tray Base**

- For use with the 1895 or 1895-C Optoform Diagnostic Dispensing System
- Accommodates one full tray insert or two half tray inserts
Visolux+ Display
- 1-piece display
- Dimensions: 12.5” H x 9.5” W x 9” D
- Free with purchase of 2 Visolux+ magnifiers (1566)

Smartlux® Digital Display
- 1-piece display
- Dimensions: 12.5” H x 9.5” W x 9” D
- Free with purchase of 1 Smartlux Digital video magnifier (1650-11)

Scribolux Display
- 1-piece display
- Dimensions: 12.5” H x 9.5” W x 9” D
- Free with purchase of 2 Scribolux magnifiers (1565-12)

Makrolux Display
- 1-piece display
- Dimensions: 12.5” H x 9.5” W x 9” D
- Free with purchase of 2 Makrolux magnifiers (1436)

Powerlux Display
- 1-piece display
- Dimensions: 12.5” H x 9.5” W x 9” D
- Free with purchase of 1 Powerlux magnifiers (1586)

EasyPOCKET Display
- 1-piece display
- Dimensions: 12.5” H x 9.5” W x 9” D
- Free with purchase of 3 EasyPOCKET magnifiers (1521)

MaxTV® Display
- 1-piece display
- Dimensions: 12.5” H x 9.5” W x 9” D
- Free with purchase of 2 MaxTV®

Mobilux® Digital Touch HD Display
- 1-piece display
- Dimensions: 12.5” H x 9.5” W x 9” D
- Free with purchase of 1 Mobilux Digital Touch HD video magnifier (1651-1)
Visolux Digital HD Display
- 1-piece display
- Dimensions: 12.5” H x 9.5” W x 9” D
- Free with purchase of 1 Visolux Digital HD video magnifier (1655-1)

Visolux Digital XL FHD Display
- 1-piece display
- Free with purchase of 1 Visolux Digital XL FHD video magnifier (1655-1)

Mobilux® LED Display
- 9-piece display
- Dimensions: 4” H x 10” W x 7.75” D
- Free purchase of any 9 Mobilux® LED magnifiers

VisoPOCKET Display
- 10-piece display
- Dimensions: 6” H x 7.75” W x 3.25” D
- Free with purchase of 10 VisoPOCKET Magnifiers

Window Display
- Table-top display with floating shelf
- Dimensions: 16.25” H x 14.25” W x 9” D
- Free with minimum purchase

MiniFrame Bifo Display
- 3-piece display with storage in the back
- Dimensions: 16.5” H x 6.5” W x 6” D
- Free purchase of any 6 MiniFrame Bifo prismatic eyewear
Biconvex Magnifier Display

- 12-piece display with product
- Dimensions: 8” H x 8.6” W x 12” D
- Includes: (4) 2612-9507, (3) 2612-807, (3) 2612-607, and (2) 2612-407 biconvex magnifiers.

Ergo Magnifier Display

- 6-piece display with storage in the back
- Free with purchase of any 6 Ergo magnifiers

4-Piece Readers Display

- 4-piece display with storage in the back
- Dimensions: 8” H x 8.6” W x 12” D
- Free with purchase of any 10 Eschenbach readers

MiniFrame Display

- 10-piece display
- Dimensions: 13.5” H x 12.5” W x 6” D
- Free with purchase of any 25 MiniFrame readers

14-Piece Readers Display

- 14-piece display with bottom mirror
- Dimensions: 21” H x 15.5” W x 4.75” D
- Free with purchase of any 14 Eschenbach readers

LightSpecs® Display

- 1-piece display
- Dimensions: 6” H x 6.5” W x 5” D
- Free with purchase of any 3 LightSpecs® reading glasses
Private Eyes Display
• 36-piece display with mirror and mini eye chart
• Dimensions: 20.5” H x 12” W x 10” D
• Free with purchase of any 36 Private Eyes reading glasses
• Assortment available with product (FGX-PE2372)

Polinelli Reader Display
• 4-piece display
• Dimensions: 12.5” H x 7.25” W x 7.5” D
• Free with purchase of any 8 Polinelli reading glasses

Polinelli Spinner Display
• 16-piece display with top mirror
• Dimensions: 16.5” H x 14” W x 14” D

Haven® Display
• 6-piece brushed metal table-top display
• Dimensions: 22” H x 9” W x 8” D
• Free with purchase of any 9 Haven® filters

Solar Shield® / SolarComfort® Display
• 20-piece display with side mirrors
• Dimensions: 23” H x 14” W x 14” D
• Free with purchase of any 20 Solar Shield®/SolarComfort® filters

Haven® Floor Display
• 18-piece brushed metal floor display
• Dimensions: 68” H x 16” W x 14” D
• Free with purchase of any 36 Haven® filters
## Portable Video Magnifier Comparison

<table>
<thead>
<tr>
<th>Display</th>
<th>Visolux Digital XL FHD</th>
<th>Visolux Digital HD</th>
<th>Mobilux® Digital Touch HD</th>
<th>Smartlux® Digital</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>11.6” / 29.5 cm</td>
<td>7” / 17.9 cm</td>
<td>4.3” / 11.0 cm</td>
<td>5” / 12.7 cm</td>
</tr>
<tr>
<td>Format</td>
<td>16:9 widescreen</td>
<td>16:9 widescreen</td>
<td>16:9 widescreen</td>
<td>16:9 widescreen</td>
</tr>
<tr>
<td>Type</td>
<td>Active matrix TFT LCD with LED backlight</td>
<td>Active matrix TFT LCD with LED backlight</td>
<td>Active matrix TFT LCD with LED backlight</td>
<td>Active matrix TFT LCD with LED backlight</td>
</tr>
<tr>
<td>Anti-reflection</td>
<td>• (matte)</td>
<td>• (matte)</td>
<td>• (matte)</td>
<td>• (matte)</td>
</tr>
<tr>
<td>Brightness dimmable</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
</tbody>
</table>

### Features

| Magnification | 2.0 x to 22 x | 2.0 x to 22 x | 1.9 x to 12 x | 1.7 x to 12 x |
| System resolution | Full-HD | HD | HD | WVGA |
| Operating keys | 10 | 8 | 1 | 3 |
| Graphical menu | • | • | • | – |
| Touchscreen operation | • (off option) | – | • | – |
| Operation with speech output | • (off option) | – | – | – |

#### Display options

- Dynamic Line Scrolling (DLS): (horizontal + vertical)
- Reading line / Reading blinds: */*
- Automatic exposure: •
- LED brightness Settings: (off option)
- Live dual-screen function: •
- Photo store function: (off option)
- Camera centrally mounted: •
- Orientation aid on housing: •
- Housing tiltable: •
- Writing under the display: •
- Stand can be folded out: (two positions)
- Positioning markers on stand: •

#### Interfaces

- SD card slot: •
- USB port (PC and Mac): (Type C)
- HDMI output: •
- HDMI input: •
- Power port: (via USB)
- Software update: •
- Reset key: •
- Automatic shut-off: •
- Integrated battery: (Lithium-polymer)
- Operating hours, approx.: 2.5 hours*
- Dimensions, approx.: 29 x 20 x 4 cm (11 x 8 x 1.5 in.)
- Weight, approx.: 1,050 g* (37 oz.)

#### Miscellaneous

- Hard foam case: •
- Lanyard: •
- Microfiber cloth: •
- HDMI cable: •
- USB cable: •
- SD card: (8 GB)
- PC software: –
- Universal charger: (110-240 V, 50-60 Hz)
- Power Plug Adapters: (EU, GB, US, AU)
- Operating instructions: (printed)

#### Optional accessories

- Base (stand): –
- Bumper (protective envelope): –
- Bag (for carrying): •

* yes, available or possible  
– no, not available or not possible  
* final value not yet available at time of printing
### Galilean and Keplerian Monocular Specifications

<table>
<thead>
<tr>
<th>Item</th>
<th>Magnification</th>
<th>Visual Field Values</th>
<th>Visual Angle</th>
<th>Working Distance in mm</th>
<th>Lens 0 in mm</th>
<th>Weight in g</th>
<th>Exit Pupil in mm / position at ≈ or 200 mm</th>
<th>Diopter Compensation Diopter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1621</td>
<td>2.20 x Distance</td>
<td>*250 m / 1,000 m</td>
<td>14.0°</td>
<td>∞</td>
<td>23.0</td>
<td>16.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1621 + 1621-3</td>
<td>1.65 x Near</td>
<td>*67 mm</td>
<td>12.0°</td>
<td>approx. 330</td>
<td>25.5</td>
<td>22.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1621 + 1621-4</td>
<td>2.20 x Near</td>
<td>*54 mm</td>
<td>12.0°</td>
<td>250</td>
<td>25.5</td>
<td>22.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1621 + 1621-5</td>
<td>2.75 x Near</td>
<td>*44 mm</td>
<td>12.0°</td>
<td>200</td>
<td>25.5</td>
<td>22.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1621 + 1621-6</td>
<td>3.60 x Near</td>
<td>*35 mm</td>
<td>12.0°</td>
<td>167</td>
<td>25.5</td>
<td>22.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1621 + 1621-8</td>
<td>4.40 x Near</td>
<td>*25 mm</td>
<td>12.0°</td>
<td>125</td>
<td>25.5</td>
<td>22.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1621 + 1621-10</td>
<td>5.50 x Near</td>
<td>*22 mm</td>
<td>12.0°</td>
<td>100</td>
<td>25.5</td>
<td>22.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1621 + 1621-12</td>
<td>6.60 x Near</td>
<td>*18 mm</td>
<td>12.0°</td>
<td>83</td>
<td>25.5</td>
<td>22.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1621 + 1621-16</td>
<td>8.80 x Near</td>
<td>*14 mm</td>
<td>12.0°</td>
<td>63</td>
<td>25.5</td>
<td>22.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1622-5</td>
<td>2.50 x Distance</td>
<td>*230 m / 1,000 m</td>
<td>13.0°</td>
<td>∞</td>
<td>25.0</td>
<td>11.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1622-5 + 1621-3</td>
<td>1.90 x Near</td>
<td>*64 mm</td>
<td>11.0°</td>
<td>approx. 330</td>
<td>25.5</td>
<td>17.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1622-5 + 1621-4</td>
<td>2.50 x Near</td>
<td>*48 mm</td>
<td>11.0°</td>
<td>250</td>
<td>25.5</td>
<td>17.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1622-5 + 1621-5</td>
<td>3.15 x Near</td>
<td>*38 mm</td>
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* In the case of Galilean systems, the effective visual field is dependent on the distance of the eye/eyepiece. The values stated for visual field are therefore average values. Technical specification is subject to change without prior notice. (The visual angle is measured at HSA 10 mm).

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**Illuminated magnifiers, System VarioPLUS and Powerlux specifications**

Technical information for fitting Eschenbach Optik System VarioPLUS illuminated magnifiers and Powerlux.

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*Without and with flip-up lens engaged, respectively

**Optimal conditions of use**

The optimum image quality of an aspheric lens is achieved by maintaining the recommended distances between the eye and the lens and the lens and the object viewed.

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**Care instructions:**

If the lens of your reading magnifier/illuminated magnifier requires cleaning, please pay attention to the following instructions: a soft cotton or linen cloth should be used for cleaning. The surface of the lens must only be gently wiped over. If the magnifier is very dirty then the cloth should be dampened with lukewarm water. Never use alcohol-based solvents or organic solvents for cleaning the lenses as these can damage the lenses.

**General Technical Information:**

All Vision Technology products from Eschenbach Optik comply with the applicable standards and directives of the European Union (EU) and the Federal Republic of Germany and therefore bear, where stipulated by law, the CE symbol which is valid throughout Europe. This ensures that your customers receive a quality product which complies with the very latest quality standards.

Eschenbach Optik products have been awarded EN ISO 9001 and DIN ISO 14001:2004 certification (environmental management) and this is your guarantee of a high standard of quality.
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