

Vision Technology Products

Volume 34



Magnifiers, telescopes, magnifying eyewear, video magnifiers and more!

 **ESCHENBACH OPTIK**
Better Vision. Better Life.



Eschenbach's worldwide administrative headquarters and modern research and development Technology Center above.

A world brand with tradition

Being a wholesaler for drawing instruments and optical products – this is how the success story of Eschenbach began in 1913 when businessman Josef Eschenbach registered his company.

When Rudolf Eschenbach, Josef's son, joined management in 1923, he moved the company toward in-house manufacturing and away from pure trade.

In order to meet the strong demand for Eschenbach optical products, the first subsidiaries in Austria and Switzerland were created in the 1960's under the leadership of the brothers Gerd and Walter Eschenbach. Subsidiaries followed in Italy, France, Denmark, the Netherlands, Spain, the Czech Republic, and North America.

With more than 30 other trade partners throughout the world, as well as a joint venture in Japan, Eschenbach has developed into the world leader for optical products.

From spectacle frames to sunglasses through to binoculars and reading glasses, magnifiers and special visual aids – today a comprehensive range is bearing the good name Eschenbach.

Vision Technology Products

As there is more to the magnifying visual aid product range than magnifiers and reading glasses, we have given this sector a new name:

"Vision Technology Products" stands for the high degree of precision and accuracy achieved by Eschenbach through the use of the latest technologies and manufacturing processes.

Investing in the company's own research and development department is an essential pre-condition for the famous Eschenbach quality. As always, Eschenbach is committed to tangible progress – for our customers' satisfaction.

The Visible Progress

The expression "The Visible Progress" refers to new technology at Eschenbach where refraction and diffraction of light are combined.

The benefits of this development are at hand. In addition to lighter weight solutions, the realization of larger visual fields, new shapes and designs, and color corrected optics are all a result of this exciting new technology.

The manufacturing specifications, achieved with ultra-precise machining of the lens molds, have an accuracy of less than 100 nm. The spray technique also requires new methods and suitably equipped machines in order to create fine micro-structures precisely and of consistent quality.

Eschenbach possesses both the theoretical know-how as well as the manufacturing skills to compute and manufacture lenses and lens systems in this revolutionary new lens nano-technology.

cera-tec®

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.

In addition to high scratch-resistance, cera-tec® has substantially improved chemical resistance.

Our coating procedures offer all-around lens protection as all lenses are coated on both the upper and lower surface.

cera-tec® is applied by an automatic "in-house" application process that does not interrupt the production process.

The finished product sets new standards in quality, service life, reliability and economy.

PXM® lightweight lenses

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.



Information on our new catalog

This catalog contains an extensive range of magnifying vision aids which enable you to match virtually any visual task presented by your patient or client.

The logical division of the comprehensive product range into clearly defined categories helps you to easily locate the product needed.

The colored area index on the edge of the page also helps you to locate each category quickly.

The heading "Technical data" has been expanded by "general information", containing advice on eye diseases and on matching magnifying vision aids.

How you can contact us:

You can contact us Monday through Friday between 8:30 am - 6:00 pm EST by calling (800) 487-5389.

If you wish to order or contact us via fax, please send all faxes to: (888) 799-7200.

Would you prefer to e-mail us?

Our e-mail address is info@eschenbach.com

Be sure to visit our website and subscribe to our free monthly e-newsletter!

Our internet address is www.eschenbach.com

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Hand-held Magnifiers

■ Illuminated


cera-tec®
coating

1510-2



1510-3



1510-41



1510-5



Mobilux

Illuminated Hand-held Magnifiers:

- Provide magnification and illumination for spotting tasks
- Ideal for in-home uses such as looking up a phone number, setting the thermostat or reading the prescription on a medicine bottle
- Portability makes them useful for spotting a price in the supermarket, reading the menu in a dimly lit restaurant, or looking at a map in the car

1510 Series

Special Features:

- Superior quality aspheric lens
- Hinge on handle keeps top and bottom pieces together. Eliminates alignment problems when closing the handle.
- Noted for its simple maintenance in changing batteries and bulbs
- Large raised on/off switch is easy for arthritic fingers
- 1510-2, 1510-3, 1510-5, and 1510-41 have a storage compartment in the handle containing a spare bulb (included)

Technical Information:

Lens: Aspheric PXM® lightweight lens with cera-tec® coating

Bulb: Incandescent replacement bulb 1544

Mount: High grade white plastic

Batteries: Requires 2AA batteries (included)

Case: New protective cases are available.

See table on page 5 for order number.

Hand-held Magnifiers

■ Illuminated



"At last I no longer need to ask about size or price when purchasing. With mobilux I can now read the small print on the labels again!"



Illuminated Hand-held Magnifiers

Product #	Lens Size (mm)	Dpt.	Magnification	Case #
1510-2	60	12	3 x	1500-4
1510-3	75 x 50	10	3.5 x	1500-4
1510-41	60	16	4 x	1500-4
1510-5	60	20	5 x	1500-4
1510-7	35	28	7 x	1500-1
1510-10	35	38	10 x	1500-1
1510-12	30	50	12.5 x	1500-1



1510-7



1510-10



1510-12

15106

Diagnostic tray of Illuminated Pocket Magnifiers

ESCHENBACH's broad assortment of illuminated pocket magnifiers in one convenient display tray. The assortment features a range of magnification from 3x to 12.5x, as well as both LED and incandescent light sources.

Contents: 11 pieces

1510-2, 1510-3, 1510-41, 1510-5, 1510-7, 1510-10, 1510-12, 1510-24, 1510-34, 1510-54, 1510-44. Tray insert 15106-304 and wooden tray 1819-1 come at no charge with purchase of assortment.

Optionally available:

1880 white display tray with 1882-2 acrylic cover.



15106

Hand-held Magnifiers

■ Illuminated



1510-24



1510-34



1510-44



1510-54



1510-74



1510-104



1510-124



Mobilux LED

LED illumination is now also available in hand-held magnifiers!

The 1510 series of illuminated hand-held magnifiers is now also available with LED illumination! LED (light emitting diode) illumination provides an alternative light source preferred by many patients due to its distinctly whiter spectrum and longer useful life. In addition to the bulbs offering nearly unlimited life, the batteries last 5 times longer than those used with incandescent bulbs! These features provide lower usage costs and make the magnifiers even easier to use!

To soften the color of the light, small yellow filters are included which can be snapped-on over the LED bulbs to provide an alternative illumination option.

Technical Information:

Lens: Aspheric PXM® with cera-tec® hard coating and detachable cover

Illumination: 1 LED

Mount: High-grade white plastic

Batteries: Requires 2 AA batteries (included).

Case: Protective case available. See table below.

Product #	Lens Size (mm)	Dpt.	Magnification	Case #
1510-24	60	12	3 x	1500-4
1510-34	75 x 50	10	3.5 x	1500-4
1510-44	60	16	4 x	1500-4
1510-54	60	20	5 x	1500-4
1510-74	35	28	7 x	1500-1
1510-104	35	38	10 x	1500-1
1510-124	30	50	12 x	1500-1

Protective Cases

Protective cases are available for all of our illuminated magnifiers. The magnifier model number is shown next to each case number.

Case #	Magnifier #
1500-1	1510-104, 1510-124, 1510-74, 1510-10, 1510-12, 1510-7, 1571
1500-4	1510-24, 1510-34, 1510-44, 1510-54, 1510-2, 1510-3, 1510-41, 1510-5, 1572, 1573, 1575

Protective cases are made from lint free fabric with locking drawstring.



■ Economy

1570 Series

The 1570 Series is an economical line of low-powered illuminated hand-held magnifiers ideal for reading maps, menus, price tags or other objects, especially in dark settings.

Special Features:

- Lightweight biconvex lens facilitates binocular viewing
- Large field of view
- Wider, easy-to-see black switch
- 1572, 1573 and 1575 have a storage compartment in the handle for a spare bulb (not included)

Technical Information:

Lens: Biconvex, PXM® lightweight lens with duplex coating

Bulb: Incandescent replacement bulb 1543

Mount: High grade white plastic

Batteries: 2 AA batteries (included)

Case: Protective cases are available. See below for order number

Product #	Lens Size (mm)	Dpt.	Magnification	Case#
1571	30	21.0	6 x	1500-1
1572	60	10.0	3.5 x	1500-4
1573	80	5.4	2.5 x	1500-4
1575	75 x 50	5.0	2.5 x	1500-4



1571



1572



1573



1575

■ Displays

1510-01

Counter top display unit for 1510 series of illuminated hand-held magnifiers. 10 slots for either incandescent or LED illuminated magnifiers. Product not included.



1510-01

1512-9 Hand-Held Magnifier Display for 1510 Magnifiers

Special Features:

The 1512 Point-of-Purchase display was specifically designed to hold 9 magnifiers from our most popular 1510-illuminated magnifier line. Give your patients the opportunity to examine a wide variety of magnifiers in the waiting room or in the dispensary. The 1512 display will fit in a small space on most counter tops and is free when nine 1510 assorted magnifier are purchased.



1512-9

1576

Compact display of illuminated pocket magnifiers. No charge for display with purchase of product.

Contents: 6 pieces

(2) 1572 (2) 1573 (2) 1575



1576

Hand-held Magnifiers

■ Aspheric



2655-50



2655-60



2655-70



2655-750



2655-150



2655-175



2845



Aspheric

The Aspheric Lens:

This lens type has aspheric curves which allow for higher magnification with less distortion.

2655 Series - Aspheric Hand-held Magnifier

Special Features:

- Ergonomic handle design makes it comfortable to hold
- Specially calculated lenses provide distortion-free viewing
- Positioning of handle makes 2655 series suitable for left-handed users!
- Comes with carrying cord to wear around the neck

Technical Information:

Lens: Aspheric PXM® lightweight lens with cera-tec® coating

Mount: Black matte plastic

Handle: Black matte plastic

Eye to Lens Distance (mm): Printed on handle.

Note: Blue loop at the end of the handle can slide out for use with the carrying cord which is provided. All 2655 magnifiers are suitable for left-handed use.

Product #	Lens Size (mm)	Dpt.	Magnification	Case #
2655-50	50	24	6x	2855-50
2655-60	60	20	5x	2855-60
2655-70	70	16	4x	2855-70
2655-750*	75x50	10	3.5x	2855-150
2655-150*	100x50	7.6	3x	2855-150
2655-175*	100x75	7.0	2.8x	2855-175

* Can be used with the Super-Lite 2090-04. See p.54



*"Reading can be so easy,
you only have to know
how to go about it!"*

2845

Diagnostic Tray of Aspheric Magnifiers

Contents: 6 pieces

2655-50, 2655-60, 2655-70, 2655-750, 2655-150, 2655-175. Order cases individually as listed above or as case assortment 2845-C. Tray insert 2845-3 and wooden tray 1819-1 included at no charge with purchase of assortment.

Optionally available:

1880 white display tray with 1882-2 acrylic cover.

Ergo Aplanatic

The Aplanatic Lens:

The Aplanatic lens, a proprietary design of ESCHENBACH, offers the best optics available in magnifiers. The aplanatic lens is made of a high-quality PXM® lightweight lens system consisting of two plano-convex lenses that give a clearly defined, distortion-free image. Because of the edge-to-edge distortion free optics, this lens design is especially useful for patients with macular degeneration.

Special Features:

- Excellent distortion-free optics
- Ergonomic Handle
- Lightweight

Technical Information:

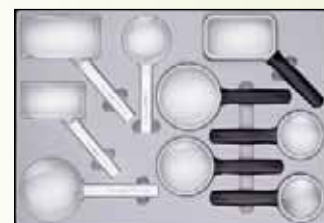
Lens: Aplanatic PXM® lightweight lens

Mount: High grade plastic

Handle: Ergonomic design, soft plastic handle

Case: Black leather cases available, see order numbers below

Product #	Lens Size (mm)	Dpt.	Magnification	Case #
2668-50	50	14.0	4.5x	2858-65
2668-60	60	11.3	3.8x	2858-65
2668-75	75	7.4	2.8x	2858-75
2668-85	85	5.6	2.4x	2858-85
2668-950	90x50	6.8	2.7x	2858-950



2815-04 Aplanatic and Biconvex Assortment

Diagnostic tray of biconvex and aplanatic hand-held magnifiers.

Contents: 9 pieces

2614-150, 2614-65, 2614-80, 2614-840, 2668-50, 2668-60, 2668-75, 2668-85, 2668-950. Tray-insert 2815-1304 and wooden tray 1819-1 come at no charge with purchase of assortment.

Optionally available:

1880 white display tray with 1882-2 acrylic cover.

2668-9 Hand-held Ergo Magnifier Display

An attractive Ergo Hand-held magnifier display that holds an assortment of 6 Ergo-style magnifiers is available for purchase. The display is FREE with purchase of any 6 Ergo magnifiers.



Hand-held Magnifiers

■ Biconvex

Large Field

The Large Field series of Biconvex hand-held magnifiers offers the largest fields available in their power range.

Special Features:

- Large field biconvex lens
- Transparent mount for shadow-free viewing
- 5x bifocal lens in handle
- Carrying cord included - fits into slot in handle

Technical Information:

Lens: Biconvex PXM® lightweight lens with anti-static coating

Bifocal: Plano-convex

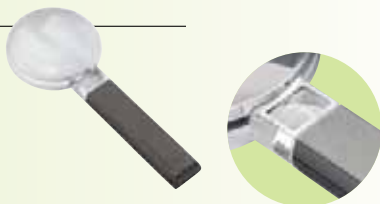
Mount: Transparent PXM®

Handle: Shell-type patented design.

Black plastic w/slot for carrying cord

Case: Black leather cases available, see order numbers below

2642-65



2642-80



2642-100



2642-120



2642-840



2642-150



2642-1255



2837



Product #	Lens Size (mm)	Dpt.	Magnification	Case #
2642-65	65	7.4	3x	2872-65
2642-80	80	5.1	2.5x	2872-80
2642-100	100	3.9	2x	2872-100
2642-120	120	3.2	2x	2872-120
2642-840	80x40	5.0	2.5x	2872-840
2642-150	100x50	3.9	2x	2872-150
2642-1255	120x55	3.3	2x	2872-1255

2837

Diagnostic tray of Biconvex Large Field hand-held magnifiers.

Contents: 7 pieces

2642-65, 2642-80, 2642-100, 2642-120, 2642-840, 2642-150, 2642-1255. Tray-insert 2837-3 and wooden tray 1819-1 come at no charge with purchase of assortment.

Optionally available:

1880 white display tray with 1882-2 acrylic cover.

■ Economy

The Economy Series of Biconvex hand-held magnifiers offers high-quality optics at an affordable price.

Economy Series Special Features:

- Completely transparent for maximum light and shadow-free viewing
- 5x plano-convex bifocal lens in handle
- Slot in handle for carrying cord (cord not included)

Technical Information:

Lens: Biconvex PXM® lightweight lens

Bifocal: Plano-convex

Mount: Transparent PXM®

Handle: PXM® transparent, 5x bifocal, slot for carrying cord

Product #	Lens Size (mm)	Dpt.	Magnification	Quantity per pkg.
2612-401	40	8.4	3.25x	6
2612-407	40	8.4	3.25x	1
2612-601	60	6.4	2.5x	6
2612-607	60	6.4	2.5x	1
2612-801	80	5	2.5x	6
2612-807	80	5	2.5x	1
2612-9501	90x50	3.9	2x	3
2612-9507	90x50	3.9	2x	1



2612-407



2612-607



2612-807



2612-9507



2612-1

2612-1 Display with 12 Hand-held Magnifiers

Special Features:

Looking for a way to increase your sales of hand-held magnifiers? Why not present some magnifiers in an attractive point-of-purchase display! This contemporary presentation fits easily on any counter or table and holds 12 of our popular 2612 series hand-held magnifiers. Best of all, the magnifiers are included with the display. Let your patients view and examine all of these products at the check-out desk, in the waiting room, or wherever the display is placed.

The 2612 series of biconvex hand-held magnifiers includes an assortment of twelve magnifiers:

- Four 2612-9507 magnifiers
- Three 2612-807 magnifiers
- Three 2612-607 magnifiers
- Two 2612-407 magnifiers

Hand-held Magnifiers

■ Biconvex

2614-65



2614-80



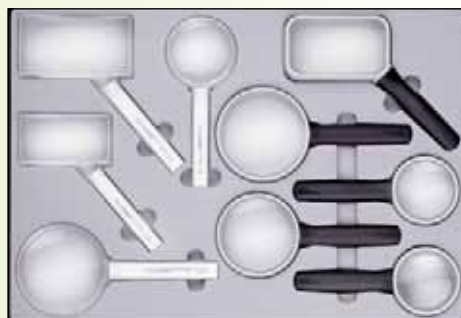
2614-840



2614-150



2815-04



Visomed

Biconvex Visomed Series

Visomed Special Features:

The 2614 series of hand-held magnifiers features low magnification and a large field of view. These features make them ideal for early intervention for low vision patients needing extra magnification for such daily living tasks as reading small print labels, looking up telephone numbers, or reading the stock pages.

Technical Information:

Lens: Biconvex PXM® lightweight lens with anti-static coating

Mount: Transparent PXM®

Handle: High-grade white plastic

Case: Black leather cases available – see below

Product #	Lens Size (mm)	Dpt.	Magnification	Case #
2614-65	65	7.4	3 x	2872-65
2614-80	80	5.1	2.5 x	2872-80
2614-840	80 x 40	6.0	2.5 x	2872-840
2614-150	100 x 50	3.9	2 x	2872-150

2815-04

Diagnostic Tray of Aplanatic and Biconvex Magnifiers

This display tray contains our complete assortment of "Ergo" 2668 hand-held magnifiers, as well as our 2614 series of biconvex magnifiers.

Contents: 9 pieces

2614-150, 2614-65, 2614-80, 2614-840, 2668-50, 2668-60, 2668-75, 2668-85, 2668-950. Tray insert 2815-1304 and wooden tray 1819-1 included at no charge, with purchase of assortment.

Optionally available:

1880 white display tray with 1882-2 acrylic cover.

■ Visoflex

2050-1

Combination Hand/Stand/Pocket Magnifier

Special Features:

The 2050-1 has an ultra-modern, functional design that is small enough to be portable. The design offers three different types of magnifier in one! (See adjacent photos).

Technical Information:

Magnification: 2.5 x (10D)

Lens: Biconvex

Lens Size: 60 mm

Mount: ABS plastic-black

Case: 1500-4 case available.



2050-19

viso-flex Display

Contents: 4 of 2050-1

Display base included at no charge with purchase of assortment.

Displays three of the four 2050-1's.



■ Combi-plus

Combination Hand-held/Stand Magnifiers

Special Features:

This series is designed to offer two magnifiers in one! First, the magnifier can be used as a standard hand-held magnifier. Second, unfold the metal legs and use it either as a fixed stand magnifier or tilt it down and use it as an inclined stand magnifier. For portability, simply fold in the metal legs, fold in the handle and slide it into its leather case!

Technical Information:

Lens: Aspheric PXM® lightweight lens with cera-tec® coating

Mount: White or Black Plastic

Handle: Black Plastic

Case: Comes complete with black leather case

Product #	Lens Size (mm)	Dpt.	Magnification
2031*	100 x 50	6.3	2.8 x
2032*	100 x 75	7	2.8 x
2034*	75 x 50	10	3.5 x
2036*	100 x 50	6.3	2.8 x

* Can be used with 1604-104 Bar Light. See page 54.



2031



2032



2034



2036

Hand-held Magnifiers

■ Folding

Classic

The Classic collection offers a variety of colors and styles that make these leather folding pocket magnifiers functional and stylish.

Technical Information:

Magnification: 3.5x and 6x

Lens: Biconvex, PXM® lightweight lenses

Lens Size: 30 mm, 50 mm or 60 mm

Mount: Transparent plastic

Case: Leather case, various colors (see listing below)

Product #	Lens Size (mm)	Dpt.	Magnification	Case Style and Color
1740-130	30	24	6 x	Grained, red
1740-150	50	10	3.5 x	Grained, red
1740-160	60	10	3.5 x	Grained, red
1740-250	50	10	3.5 x	Grained, pine-green
1740-260	60	10	3.5 x	Grained, pine-green
1740-450	50	10	3.5 x	Grained, brown
1740-460	60	10	3.5 x	Grained, brown
1740-530	30	24	6 x	Grained, Black
1740-550	50	10	3.5 x	Grained, Black
1740-560	60	10	3.5 x	Grained, Black
1752-150	50	10	3.5 x	Fine grain, maroon
1752-160	60	10	3.5 x	Fine grain, maroon
1752-550	50	10	3.5 x	Fine grain, black
1752-560	60	10	3.5 x	Fine grain, black
1752-850	50	10	3.5 x	Fine grain, tan
1752-860	60	10	3.5 x	Fine grain, tan

1740-130
1740-150
1740-160



1740-250
1740-260



1740-450
1740-460



1740-530
1740-550
1740-560



1752-150
1752-160



1752-550
1752-560



1752-850
1752-860



1741-103



1741-103 Assorted Folding Pocket Magnifiers w/ Free Display

Special Features:

Looking for a way to increase your sales of hand-held magnifiers? Why not present an array of colorful folding magnifiers in an attractive point-of-purchase display! This contemporary display fits easily on any counter and holds 16 of our most popular, hand-held folding pocket magnifiers. It allows your patients to view and examine them at the check-out desk, in the dispensary, or wherever the display is placed. Each magnifier comes with an attached, colorful case to protect the lens from dust or scratches (green, brown, red and black). Plus, when the 16-piece assortment is purchased, you'll receive the display free!

The assortment of folding magnifiers includes:

10 Round Folding Magnifiers

- Two 30mm magnifiers (6x magnification)
- Four 50mm magnifiers (3.5x magnification)
- Four 60mm magnifiers (3.5x magnification)

6 Square Folding Magnifiers

- Three 50mm magnifiers (3.5x magnification)
- Three 60mm magnifiers (3.5x magnification)

1741-119 Folding Magnifiers Display Only

A silver colored, functional POP [point-of-purchase] display with space for 16 folding magnifiers of various shapes and magnification.

■ Designo

1711

The Designo biconvex pocket magnifier features a compact sliding case that protects this powerful pocket magnifier.

Technical Information:

Magnification: 5 x (20D)

Lens: Biconvex

Lens size: 30 mm

Mount: ABS plastic-black



1711

■ Mobilent

1710

Eschenbach has employed the latest technology and manufacturing methods to design the lens and case of this unique folding pocket magnifier in a single unit.

Special Features:

- High magnifications in a compact size
- Case design provides complete protection for the lens
- Small size fits easily into a pocket or purse
- Includes a carrying cord which can be threaded through hinge

Technical Information:

Lens: Bi-aspheric PXM® lightweight lenses

Lens Size: 35 mm

Case: Strong, fine grained plastic

Eye to Lens Distance (mm): Printed on case

Note: Comes complete with carrying cord



1710-14



1710-67



1710-910

Product #	Color	Dpt.	Magnification
1710-14	Red Cover	16	4 x
1710-67	Gray Cover	28	7 x
1710-910	White Cover	38	10 x

■ Pendant

2136 Pendant Magnifiers

Pendant magnifiers are the inconspicuous ideal magnifier for those that need a little extra help throughout the day. Attractive and always at-hand, they feature glass lenses to resist scratching from contact with buttons, zippers or other jewelry.

Mounts, handle and chain of gold-plated or chrome-plated metal.

Technical Information:

Magnification: 3.5 x (10D)

Lens: Biconvex, glass

Len size: 40 mm

Mount: Gold-plated or chrome-plated

Chain Length: Approximately 32"



2136-1



2136-2

Product #	Color	Dpt.	Magnification
2136-1	Gold-plated	10	3.5 x
2136-2	Chrome-plated	10	3.5 x

■ System Vario Plus



The ESCHENBACH System Vario Plus provides a high degree of flexibility.

The systematic structure with 9 different magnifications from 2.8 x to 12.5 x and 5 different illumination options can be combined in a highly flexible manner to provide 45 different illuminated magnifier combinations - completely individualized, as required.

The plus point for you is the low stock requirement of only 14 different components which cover this number of combinations.

This makes the System Vario Plus the illuminated magnification system with the most comprehensive choice of illuminations and magnifications.

ESCHENBACH has been providing the System Vario Plus with the proven XENON light for more than 10 years. The XENON gas in the light source sheds a continuous bright and clear light onto the reading matter and its reliability and brilliant quality of light mean that it has been adopted for a variety of uses in other fields, e.g., in the lighting technology of leading German car manufacturers.

More recently, ESCHENBACH has added LED (light-emitting diode) illumination to its System Vario Plus line in both a battery and electric plug-in option. LEDs provide much brighter illumination than either incandescent or xenon options and never need to be replaced as they last as long as 10,000 hours. And, because LEDs use less energy than bulbs, batteries don't need to be changed as often.

Application:

- Illuminated stand magnifiers are primarily for use at home.
- The System Vario Plus is particularly suitable for users who cannot freely hold the magnifying glass (e.g. shaking due to age or Parkinson's).
- As the magnifiers lie on the reading material when used and do not need to be held freely in the hand, they are most suitable for reading over long periods of time.
- To achieve a uniform reading distance, System Vario Plus magnifiers should be used in combination with a reading stand (C-500 or C-1605, see page 55).

Characteristics:

- Large, non-slip light switches in a contrasting color make use easier.
- The light-colored material and the closed magnifier body guarantee optimum illumination of the reading material.
- Magnifier tops with a diameter greater than 58 mm are fitted with a retractable, red reading line for improved line-by-line reading and improved readability.
- All angular magnifier tops are fitted with a retractable, segment-shaped additional lens.
- All Eschenbach illuminated stand magnifiers are calculated for a uniform adjusting distance (aE) of 400 mm (approximately 2.50D of accommodation).
- Magnification/diopic value/ideal eye-lens use distance are stated on all magnifier heads.
- A height-adjustable adapter integrated into all handles makes it possible to adapt the height to the magnifier body used.
- 5 different handles available for appropriate selection of the most suitable illumination.

Incandescent (battery) **1599-10**



Halogen (electric) **1599-304**



LED (battery) **1599-40**



LED (electric) **1599-6004**



Halogen (battery) **1591-704**





■ System Vario Plus

System Vario Plus is the illuminated magnification system with the most varied selection of illumination options and magnifications making System Vario Plus the most successful illuminated magnifier series ever.

Application:

- Designed for use by resting on top of the reading material, they are ideally suited for reading over long periods of time.

Characteristics:

- Optimal illumination of the reading material is ensured by the bright light source and enclosed magnifier heads.
- Large, easy-to-use on/off switch makes System Vario Plus magnifiers easy to handle
- Round lens heads with a diameter greater than 58 mm are fitted with a retractable, red reading line for improved line-by-line reading and orientation.
- All rectangular magnifier lens heads are fitted with a retractable, segment-shaped additional lens of 4 dpt.
- All magnifiers are calculated for a uniform eye-to-image distance (aE) of 400 mm (approx. 2.5 dpt. addition).
- Magnification/dioptic value/ideal eye-lens distance printed on all lens heads (see page 61).
- 5 illuminating handles are available for selection of the most appropriate illumination.

Technical data

- All lenses are made of lightweight aspherical PXM®
- All lenses are hard-coated on both sides with cera-tec® coating
- The rectangular lens heads are fitted with an additional lens which can be pivoted in order to read small print or provide orientation on the reading material. Additional lens magnification: 4.0 dpt.
- All rectangular illuminated magnifiers offer tiltability for the most comfortable reading angle.

1580-63 (Magnification head only)

Magnification: 3x (7.6 D)

Lens Size: 100x50 mm

Lens: Aspheric PXM® lightweight lens w/ cera-tec® coating

Case: Optionally available, 1560-xx (contact customer service for correct size)

1582-63 (Magnification head only)

Magnification: 2.8x (7 D)

Lens Size: 100x75 mm

Lens: Aspheric PXM® lightweight lens w/ cera-tec® coating

Case: Optionally available, 1560-xx (contact customer service for correct size)



1580-63



1582-63

Stand Magnifiers

■ Illuminated



1557-73



1550-73



1551-73



1552-73



1553-93



1554-93



1559-93



18283



System Vario Plus

All System Vario Plus heads and handles are ordered separately. See page 19 for handle choice.

1557-73 (Magnification head only)

Magnification: 12.5 x (50D)

Lens Size: 35 mm

Lens: Aspheric PXM® lightweight lens w/cera-tec® coating

Case: Optionally available, 1560-xx (contact customer service for correct size)

1550-73 (Magnification head only)

Magnification: 10x (38D)

Lens Size: 35 mm

Lens: Aspheric PXM® lightweight lens w/cera-tec® coating

Case: Optionally available, 1560-xx (contact customer service for correct size)

Note: Attachable scale (divisions 1/5 mm and 1/64 inch)

1551-73 (Magnification head only)

Magnification: 7x (28D)

Lens Size: 35 mm

Lens: Aspheric PXM® lightweight lens w/cera-tec® coating

Case: Optionally available, 1560-xx (contact customer service for correct size)

1552-73 (Magnification head only)

Magnification: 6x (24D)

Lens Size: 50 mm

Lens: Aspheric PXM® lightweight lens w/cera-tec® coating

Case: Optionally available, 1560-xx (contact customer service for correct size)

1553-93 (Magnification head only)

Magnification: 5x (20D)

Lens Size: 60 mm

Lens: Aspheric PXM® lightweight lens w/cera-tec® coating

Case: Optionally available, 1560-xx (contact customer service for correct size)

1554-93 (Magnification head only)

Magnification: 4x (16D)

Lens Size: 70 mm

Lens: Aspheric PXM® lightweight lens w/cera-tec® coating

Case: Optionally available, 1560-xx (contact customer service for correct size)

1559-93 (Magnification head only)

Magnification: 3x (12D)

Lens Size: 80 mm

Lens: Aspheric PXM® lightweight lens w/cera-tec® coating

Case: Optionally available, 1560-xx (contact customer service for correct size)

18283 Diagnostic tray of illuminated stand magnifiers

This tray contains a complete assortment of our best selling magnifiers.

Contents: 12 pieces: 1550-73, 1551-73, 1552-73, 1553-93, 1554-93, 1557-73, 1559-93, 1580-63, 1599-10, 1599-304, 1599-40, 1591-704. Tray-insert 18283-304 and wooden tray 1819-1 come at no charge with purchase of assortment.

Optionally available: 1880 white display tray with 1883 acrylic cover

See technical data regarding ESCHENBACH Stand Magnifiers on p.61

Stand Magnifiers

■ Illuminated

1599-10

The newly redesigned incandescent battery handle can be used with any Eschenbach magnification head.

Illumination: Incandescent.

Batteries: Two "C" batteries, not included. Rechargeable batteries may be used.

Bulb: 1545 bulb. One bulb included.

Please note: The 1599-10 handle opens from the base to change batteries.



1599-10

1599-304

Halogen electric handle without rheostat. Can be used with any Eschenbach magnification head.

Illumination: Halogen bulb, 4.0 Volt, 550mA

Power: UL listed transformer

Bulb: 1546 bulb. One bulb Included.



1599-304

1599-40

LED battery handle can be used with any Eschenbach magnification head. Our most energy efficient. Comes with yellow LED filters.

Illumination: LED

Batteries: Two "C" batteries, not included. Rechargeable batteries may be used.

Bulb: 2 white LED's 122 mA, no replacement necessary

Please note: Yellow filters included for the LED's to allow for alteration of light color, if necessary. The 1599-40 opens from the base to change batteries.



1599-40

1591-704

Halogen battery handle can be used with any Eschenbach magnification head.

Illumination: Halogen bulb, 4.0 Volt, 550mA

Power: Three "C" batteries. Not included. Rechargeable batteries may be used.

Bulb: 1546 bulb. One bulb included.

Please note: The 1591-704 opens from the top to change batteries.



1591-704

1599-6004

Electric LED handle can be used with any Eschenbach magnification head. Comes with yellow filters for the LEDs. A switch above the LEDs boosts the illumination by 33% when engaged.

Illumination: LED

Power: UL listed transformer

Bulb: 3 white LED's 122 mA, no replacement necessary



1599-6004

Replacement Bulbs

1542 Bulb (comes in a package with 2 bulbs)

Incandescent bulb, 2.5 Volt, 250 mA, E 10

Use with: 1585-104

1543 Bulb (comes in a package with 5 bulbs)

Incandescent bulb, 2.5 Volt, 250 mA, E 10

Use with: 1571, 1572, 1573, 1575

1544 Bulb (comes in a package with 2 bulbs)

Incandescent bulb, 2.5 Volt, 250 mA, E 10

Use with: 1510-2, 1510-3, 1510-41, 1510-5, 1510-7, 1510-10, 1510-12.

1545 Bulb (comes in a package with 5 bulbs)

Incandescent bulb, 2.5 Volt, 250 mA

Use with: 1599-10 handle

1546 Bulb (comes in a package with 2 bulbs)

Halogen bulb, 4.0 Volt, 550 mA

Use with: 1599-304 and 1591-704 handles

1542 | 1543 | 1544



1545 | 1546



System Vario Plus Cases

These cases are perfect for storing both the magnifier lens head and handle and are made of durable, sturdy nylon and feature a soft, flannel-like lining on the inside to prevent scratches on the lens. The Velcro closure tab will seal the case tightly and let the magnifier rest securely. The cases come in three sizes (small, medium & large) to accommodate every combination of lens head and handle in our System Vario Plus product line. Contact our Customer Service Department at (800) 487-5389 for assistance in selecting the correct case.



1560-1
1560-2
1560-3

Stand Magnifiers

■ Non-Illuminated

■ Viso-lux

2636-7


cera-tec®
coating



2636-11


cera-tec®
coating



1585-04


cera-tec®
coating



Rectangular Stand Magnifiers

The rectangular, large field lens of the 2636's is ideal for reading and writing.

Special Features:

- Aspheric PXM® lightweight lens with cera-tec® coating
- Open base for handwriting
- Lens rotates 180 degrees
- Transparent plastic base for clear, bright viewing

Note: 2636-11 features 7D aspheric lens with "snap-on" 4D lens attached underneath. 4D "snap-on" lens can be easily removed for greater working space for tasks such as handwriting.

Product #	Lens Size (mm)	Dpt.	Magnification
2636-7*	100 x 75	7	2.8 x
2636-11	100 x 75	11	3.8 x

* Can be used with 1604-104 Bar Light. See page 54.

1585-04 LED Highlighter Stand Magnifier

Special Features:

Do you have patients that lose their place while reading because they can't stay focused on one line of text? Eschenbach's Highlighter features a unique design that sheds extra illumination on one line of text in the center of the lens, allowing your patients to easily stay on track!

Patients can also adjust the amount of illumination with a simple turn of the rheostat, so the amount of light will suit individual preferences perfectly. Along with a tilt-able head that prevents overhead lighting glare, the magnifier handle contains a built-in stabilizer leg, so moving it across printed materials will be smooth and effortless.

Technical Information:

Magnification: 3.9x

Diopters: 11.4D

Lens Type: Tilt-able aspheric PXM® lens is lightweight and features protective, scratch-resistant cera-tec® coating

Lens Size: 100mm x 50mm

Illumination: Halogen bulb – lasts about 100 hours [product #1542]

"I can solve crossword puzzles again!"

Magnifying Rulers

Bar Magnifiers

Bar magnifiers provide shadow-free viewing for reading over long periods of time. Designed for reading computer print outs and other detailed work. Special red line guide on the 2606 and 2608.

2605 Technical Information:

Magnification: 1.8 x (cylindrical magnification)

Lens: Plastic

Size: 200 x 25 mm

Note: Black leather case available, model no. 2601-201 (not illustrated)

2606

Special Features

The 2606 offers a 2x magnification which is the highest magnification now available in a bar magnifier. This pocket bar magnifier was designed to be used with the 2636 stand magnifier to increase magnification by 2x.

Technical Information:

Magnification: 2x (cylindrical magnification)

Lens: PXM® material with an aspheric surface

Size: 122 x 26 mm

Note: Has red line guide.

2608

Technical Information:

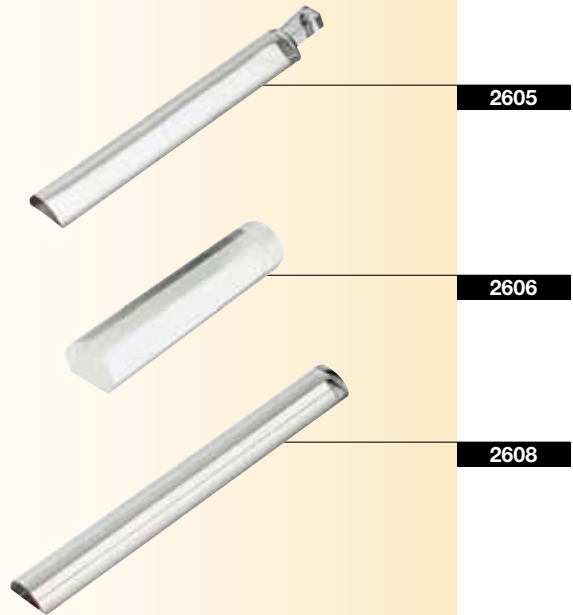
Magnification: 1.8x (cylindrical magnification)

Lens: Plastic

Size: 250 x 35 mm

Note: Has red line guide.

"Really cool, what a magnifier!"



Bright Field Magnifiers

Inconspicuous - a magnifier that looks like a paper weight! Very popular with children and executives. Provides distortion-free magnification simply by placing the magnifier on the reading material.

Special Features

Bright field magnifiers have a calculated light guidance that directs all possible illumination onto the object. This provides a brighter field of view without an additional light source.

1420

Technical Information:

Magnification: 1.8 x

Lens: Optical quality glass

Rim: Matte edge

Size: 65 mm

1421

Technical Information:

Magnification: 1.8 x

Lens: Optical quality glass

Rim: Black, threaded plastic

Size: 65 mm

Note: Black, plastic mount for easier gripping, orientation line

1423-1

Technical Information:

Magnification: 1.9 x

Lens: PXM® lightweight material

Rim: Silver, plastic

Size: 35 mm

1424

Technical Information:

Magnification: 1.8 x

Lens: PXM® lightweight material with cera-tec® coating

Rim: Black, threaded plastic

Size: 45 mm



Stand Magnifiers

■ Bright Field

1426



1436



1436-1



1436-19



1565-1



1565-1907



2822-04



1426/1436 Makro-plus aspheric

Special Features:

The 1426 and 1436 combine the light gathering advantages of the bright field magnifier with the optical benefits of an aspheric lens. Manufactured from PXM®, the 1426 and 1436 are a lightweight option to our glass bright field magnifiers. The plano base is raised 1 mm off the reading surface by ridges to prevent scratches.

1426

Technical Information

Magnification: 1.8 x

Lens: PXM® lightweight material

Rim: Matte edge

Size: 65 x 36 x 46 mm

1436

Technical Information

Magnification: 2.2 x

Lens: PXM® material

Rim: Matte edge

Size: 90 x 35 x 70 mm

Note: Wide enough to span a column of newsprint.

1436-1 Makrolux

This illuminated stand magnifier, featuring new brighter SMD LEDs, is ideal for reading when additional light is needed.

Technical Information:

Magnification: 2.2 x

Lens: PXM® material

Rim: Matte edge

Size: 90 x 35 x 70 mm

Note: Includes LED illumination

1436-19 Makrolux Display

This sturdy point-of-purchase display shows a page of stock quotes onto which the Makrolux can be placed to show how the page is enlarged. Display includes 3 Makrolux.

1565-1 Scribolux

The Scribolux features new, brighter SMD LEDs and is perfect for writing short notes, signing checks, doing crossword puzzles, changing hearing aid or watch batteries, or for any task that requires both hands to be free.

Technical Information:

Magnification: 2.8x (7D)

Lens: PXM® material

Size: 100 x75 mm

Note: Includes a soft micro-fiber bag to protect lens.

1565-1907 Scribolux Display

This handy point-of-purchase display shows a crossword puzzle onto which the Scribolux can be placed to show how the puzzle is enlarged and how one can easily write under the lens. Available free with purchase of 3 Scribolux.

2822-04

Diagnostic tray of Pocket and Bright Field Magnifiers

Contents: 11 pieces

1420, 1436, 1710-14, 1710-67, 1710-910, 1740-160, 1740-530, 1752-850, 2050-1, 2605, 2678. Tray insert 2822-304 and wooden tray 1819-1 come at no charge with the purchase of the assortment.

Optionally available:

1883 white tray base and 1882 acrylic cover

■ Vario-maxi

2771-104

The Vario-maxi Magnifying Lamp features the largest lens in the world! It is ideal for reading as it provides a page-size field of view for any task requiring a long working distance and wide field.

Special Features:

This new lamp magnifier is ideal for hobbywork and at 220 mm (9") in diameter, it is the largest lens available. The flexible head swivels 90° vertically and radially, and the system provides generous working distances.

Magnification: 1.75x (3D)

Lens: Aspheric with cera-tec® coating

Lens Size: 220 mm

Arm: Sturdy, articulated arm provides 36" of working radius

Illumination: 11 watts fluorescent (included 1603-2)

Note: Cord is approximately 6 ft. long. Clamp attaches to tables from .75 to 3 inches in thickness. Operating radius at lamp approx. 36 inches.

Accessories:

Screw clamp **2771-8**

- Screw clamp for mounting the stand magnifier (2771-1) on a tabletop in the office or workshop. For mounting, a hole must be drilled in the tabletop hole (Ø 12 mm). For tables that have a thickness between 10" and 12".



2771-104



2771-8

■ Vario

2772

Special Features:

This new lamp magnifier is ideal for hobbywork that requires slightly higher power than the 2771-1. The flexible head swivels 45° horizontally and 90° vertically and radially. In addition, the lamp can be ordered in 2 different powers, 3.55D or 7.1D

2772-204

Magnification: 3.8x (7.1D) (2-lens system)

Lens: Aspheric with cera-tec® coating

Lens Size: 132 mm

Arm: Sturdy, articulated arm provides 36" of working radius

Illumination: 9 watts fluorescent (included, 2772-8)

Note: Cord is approximately 6 ft. long. Clamp attaches to tables up to 3 inches in thickness. Dust cover included.

2772-01

Optional 3.55D lens can be attached to the 2771-104 to convert it into a 2772-204 which has 7.1D of magnification.

2772-02

Clear lens protector slides under the lens to protect the underside of the magnifier. Can be used on the 2772-204. Supplied in a pack of 3.

Accessories:

Table stand **2772-9** for **2772-204**

Cast iron, weight 6 kg



2772-204



2772-02



2772-9

Stand Magnifiers

■ Gooseneck


cera-tec®
coating

2755-60



Gooseneck Magnifier

Designed for vision tasks that require hands to be free. They are suitable for personal tasks such as removing a splinter, or for industrial tasks such as examining or assembling small components.

2755-60

Technical Information:

Magnification: 4x (11.3 D)

Lens: Aplanatic PXM® lightweight lens with Duplex coating

Lens Size: 60 mm

Mount: Metal

Neck: Adjustable, "gooseneck" metal tube, 150 mm

Base: Metal

2774 Table Top Gooseneck Magnifier

Technical Information:

Magnification: 2x (2.6 D)

Lens: Bi-aspheric PXM® lightweight lens with Duplex coating

Lens Size: 140x100 mm

Arm: Gooseneck, flexible arm

Base: Sturdy, weighted, round table base

Lens options: Comes complete with lens 2782-01.

Can also be used with 2779-01 (2.8x), and 2778-01 (2x).

Note: When used with the 2778-01 magnifier, the 1604-104 Bar Light can be attached (see page 54).

2774



Lens Choice:

Product #	Magnification	Lens	Lens Size
2778-01	2x (3.2 D)	Biconvex	120 mm
2779-01	2.8x (7D)	Aspheric	75x100 mm
2782-01	2x (2.6 D)	Bi-aspheric	140x100 mm

2778-01



2779-01



2782-01



Stand Magnifiers

■ Around the Neck

2678 Around-the-Neck Magnifier

Perfect for tasks that require both hands to be free, such as with sewing, knitting or other work and hobbies.

Special Features:

- Bi-aspheric lens for near distortion-free viewing
- 4x (12D) bifocal lens (35 mm)
- Large field of view
- Transparent mounting for shadow-free viewing
- Adjustable cord to raise or lower height
- Rubber pads in feet to prevent slipping

Technical Information:

Magnification: 2x (2.6D) w/4x (12D) bifocal

Lens: Bi-aspheric (PXM® lightweight lens with Duplex coating)

Bifocal Lens: Bi-aspheric

Lens Size: 140x100 mm

Bifocal lens size: 35 mm

Mount: Transparent PXM®

Note: Comes complete with cord. Can be used with 1604-104 LED Bar Light when additional illumination is needed (see photo at right).



2678



2678 + 1604-104

2018 Around-the-Neck Display

Display for the 2678 Around-the-Neck magnifier. Display free with the purchase of 2 of the 2678's.



2018

2677 Economy Around-the-Neck Magnifier

Also ideal for hands-free tasks such as sewing, knitting and other work and hobbies.

Special features:

- The cord supplied with the magnifier makes it possible to adjust the height to individual requirements
- Transparent mounting for shadow-free viewing

Technical Information:

Magnification: 2x (3.2D)

Lens: Biconvex PXM®

Lens Size: 100 mm

Mount: Transparent PXM®

Note: Comes complete with cord



2677

Head Borne Magnifiers

■ Reading Glasses, Clip-On Systems

2910-10
2910-15
2910-20
2910-25
2910-30
2910-35
2910-40



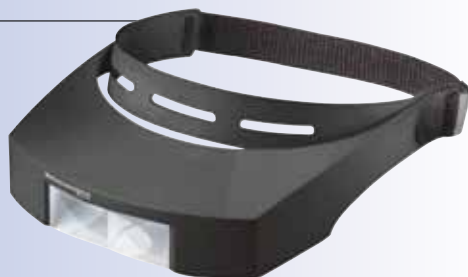
2910-01



1644-504



1648-17
1648-20
1648-25
1648-30



■ Mini-Frame Reading Glasses

2910

Mini-Frame Reading Glasses

Lightweight and attractive, these rimless style glasses provide near magnification for reading and other close work.

Technical Information:

Lens: Transparent PXM® with surface coating

Frame: Chrome-plated

Case: Black leatherette

Product #	Diopter	Product #	Diopter
2910-10	1.0	2910-30	3.0
2910-15	1.5	2910-35	3.5
2910-20	2.0	2910-40	4.0
2910-25	2.5		

2910-01 Mini-Frame Display

Attractive counter-top unit displays 10 pairs of Mini-Frame reading glasses with room to store remainder in back.

Contents: 25 pair (product not included).

■ Frame and Headband Systems for Clip-on lenses

1644-504 Frame for clip-on lenses

Special features:

- Can be comfortably worn over eyewear
- Discreet, black carrier mounting
- Light weight
- Unrestricted field of view
- Lens positioning can be easily adjusted using quick snap closure

Technical data:

Frame: Metal frame, matte black finish

Mount: Lens clip element made of glass fibre-reinforced plastic

Order 1644-504 along with one of the lenses below.

Product #	Dpt.	Magnification	Working Distance (mm)	Lens Type
1645-5	2.5	1.7 x	400	Binocular
1645-1	2.5	2.0 x	250	Binocular
1645-2	5.0	2.5 x	180	Binocular
1645-3	7.75	3.0 x	160	Binocular
1645-4	16.0	4.0 x	55	Monocular
1645-7	28.0	7.0 x	32	Monocular

1648

Headband Magnifier

Ratcheted hinge on lens cover can be raised or lowered as needed. Interchangeable lenses snap into high grade plastic housing. Headband has adjustable strap and foam lining for greater comfort and ease of fitting.

Technical data:

Frame: Black ABS plastic with elastic headband

Mount: PXM lightweight lens with cera-tec® coating

Product #	Dpt.	Magnification	Working Distance (mm)	Replacement Lens
1648-17	2.5	1.7 x	400	1645-5
1648-20	2.5	2 x	250	1645-1
1648-25	5.0	2.5 x	180	1645-2
1648-30	7.75	3 x	160	1645-3

Clip-on Systems

1646 Clip-on lens System

Special Features:

Clip-on magnifiers are designed to provide spectacle wearers with hands-free magnification.

- Hands-free
- Fits most eyeglass frames (Bridge: 25mm, Jaws open 15mm)
- Lightweight
- Lens is set 2 inches from eye, allowing for a more comfortable working distance
- When not needed, the lens can be flipped up and out of the way
- Lenses are interchangeable for different magnification needs (See order numbers below)

Technical Information:

Lens: PXM® lightweight lenses with cera-tec® coating

Clip: Glass fibre-reinforced plastic

Note: Four rubber tips for the clamps are included to protect the wearer's spectacle lenses.

Product #	Dpt.	Magnification	Working Distance (mm)	Lens Type	Replacement Lens
1646-17	2.5	1.7 x	400	Binocular	1645-5
1646-20	2.5	2 x	250	Binocular	1645-1
1646-25	5.0	2.5 x	180	Binocular	1645-2
1646-30	7.75	3 x	160	Binocular	1645-3
1646-40	16	4 x	55	Monocular	1645-4
1646-70	28	7 x	32	Monocular	1645-7

1645 Replacement Lenses for 1646's

Product #	Dpt.	Magnification	Working Distance (mm)	Lens Type
1645-5	2.5	1.7 x	400	Binocular
1645-1	2.5	2.0 x	250	Binocular
1645-2	5.0	2.5 x	180	Binocular
1645-3	7.75	3.0 x	160	Binocular
1645-4	16	4.0 x	55	Monocular
1645-7	28	7.0 x	32	Monocular

Technical Information:

Lens: PXM® lightweight lenses with cera-tec® coating

1647 Diagnostic Kit

Designed to provide the eye care professional with a complete set of binocular and monocular clip-on lenses and two different lens mounting mechanisms.

Contents:

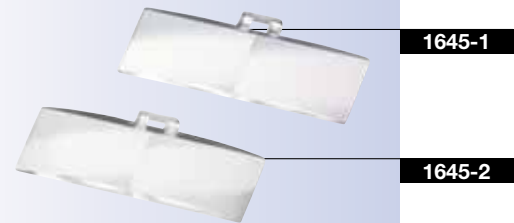
1644-C (display box), 1644-504, 1645-5, 1645-1, 1645-2, 1645-3, 1645-4, 1645-7, 1646-20.



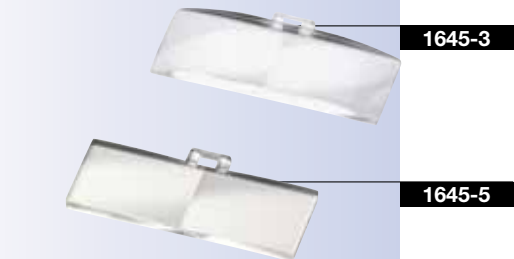
1646-17
1646-20
1646-25
1646-30



1646-40
1646-70



1645-1



1645-3

1645-5



1645-4

1645-7



1647

Head Borne Magnifiers

■ noves Magnifying Eyewear

THE VISIBLE PROGRESS
diffractive_optics

cera-tec®
coating



*"No one can see that
I wear magnifiers."*

1681-3R
1681-3L
1681-4R
1681-4L
1681-5R
1681-5L
1681-6R
1681-6L



1681-03R
1681-03L
1681-04R
1681-04L
1681-05R
1681-05L
1681-06R
1681-06L



1681-1Kit



1697



■ noves mono

Eschenbach has continued its tradition of innovation with the introduction of the noves system. The noves system is the first eyewear ever produced to feature diffractive optical structures to magnify the image for the user. Thanks to years of research and millions of dollars in investments, Eschenbach's noves lenses, at less than 5 mm in thickness can provide the magnifying power of refractive lenses more than twice as thick and many times the weight. And noves lenses represent the first low vision eyewear that is truly subtle, yet attractive!

noves mono – the "invisible" magnifier

Application:

- The new, monocular magnifying eyewear with ultra thin lenses
- The ideal system for monocular near correction
- The attractive and functional frame design means a high degree of acceptance when wearing in public

Characteristics:

- Orientation above the eyewear is possible due to the half-eye design
- Very light weight due to the design and the use of diffractive optics
- noves eyewear are designed to be discreet, helping to improve user compliance

Technical data:

- Aspheric lenses made of PXM® material with integrated, diffractive structures
- Lens hard-coated on both sides with cera-tec® coating
- Balance lens features frosted finish
- Lens thickness is only 4.5 mm
- The noves eyewear weighs only 20 grams
- Frame with spring hinges, adjustable temples, soft nose pads and easily adjustable nose pad arms
- Frame size 41 mm, bridge size 22 mm, temple length 150mm
- noves eyewear comes in robust, hardtop case
- Available in either gold or silver colored frames

Product # (Gold)	Product # (Silver)	Power	Magnification	Working distance	Optics
1681-3R	1681-03R	12 D	3 x	83 mm	right
1681-3L	1681-03L	12 D	3 x	83 mm	left
1681-4R	1681-04R	16 D	4 x	65 mm	right
1681-4L	1681-04L	16 D	4 x	65 mm	left
1681-5R	1681-05R	20 D	5 x	50 mm	right
1681-5L	1681-05L	20 D	5 x	50 mm	left
1681-6R	1681-06R	24 D	6 x	42 mm	right
1681-6L	1681-06L	24 D	6 x	42 mm	left

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 (not pictured)

A special 3-piece kit containing one each of +12, +16 and +20 noves eyewear with lenses mounted OU. For diagnostic purposes only. Comes in attractive metal display case.

1697 Diagnostic tray of noves eyewear

Contents: 13 pieces

1681-3-L, 1681-3-R, 1681-4-L, 1681-4-R, 1681-5-L, 1681-5-R, 1681-6-L, 1681-6-R, 1682-4, 1682-5, 1682-6, 1682-8, 1682-10.

Tray insert 1697-73 and wooden tray 1819-1 come at no charge, with purchase of assortment.

Optionally available:

1880 white display tray with 1882-2 acrylic cover

noves bino

noves bino – the “invisible” readers

Application:

- New ultra-thin eyewear offering binocular magnification
- The attractive glasses and functional frame mean a high degree of acceptance when wearing them in public

Characteristics:

- Orientation above the eyewear is possible due to the half-eye design
- Very light weight due to the design and the use of diffractive optics
- noves eyewear are designed to be discreet, helping to improve user compliance

Technical Data:

- Aspheric PXM[®] lenses made of PXM[®] material with integrated diffractive structures
- Lens thickness is only 4.5 mm
- noves bino eyewear weigh only 20 grams
- Frame offers spring hinges, adjustable temples, soft nose pads, and easily adjustable nose pad arms
- Frame size 41 mm, bridge size 22 mm, temple length 150 mm
- noves eyewear comes in a robust hardtop case

Product # (Gold)	(Silver)	Power	Working Distance
1682-4	1682-04	4D	250 mm
1682-5	1682-05	5D	200 mm
1682-6	1682-06	6D	165 mm
1682-8	1682-08	8D	125 mm
1682-10	1682-010	10D	100 mm



1682

1682-2Kit

Contents: 1 of each of +4D, +5D, +6D, +8D, +10D.
Comes in attractive metal display case.



1682-2KIT



*"Now I can order
for myself again!"*

Head Borne Magnifiers

■ Prismatic Eyewear

B1680-4
B1680-6
B1680-8
B1680-10



B1680

Half-eye Prism Eyewear

When normal reading glasses are no longer adequate for binocular reading, these new half-eye prism eyewear are ideal. Available in four different powers, these eyewear are stylish and functional.

Special Feature:

- Anti-reflection coated lenses for maximum light transmission
- Attractive gold half-eye frame with spring hinges and soft nose pads
- Case included

Technical Information:

Lens: CR 39 with A/R coating

Frame: See dimensions below. Cover slides off temple to allow for adjustments to shorter lengths.

Note: Eschenbach half-eye Prism Eyewear are prescription correctable. Contact our Customer Service Department at 800-487-5389 for details.

Product #	Power	Frame Size (mm)	Bridge Size (mm)	Temple Size (mm)
B 1680-4	4D w/+6DΔ in	41	22	150
B 1680-6	6D w/+8DΔ in	41	22	150
B 1680-8	8D w/+10DΔ in	41	22	150
B 1680-10	10D w/+12DΔ in	41	22	150
B 1680-Kit	One each of the B1680-4, -6, -8, -10			

B2702
B2204



Premium Prism Eyewear

Premium Prism Eyewear are designed for your patients who require higher levels of magnification, but don't want the look of traditional prismatic half-eyes. The Premium Prism Eyewear include high-quality lenses in a fashionable frame.

Special Features:

- Larger field allows macular degeneration patients to use their peripheral vision
- Choice of two lightweight and stylish metal frames made by Eschenbach
- Adjustable nose pads and temples for greater comfort
- A/R coated lens for maximum light transmission
- Each pair comes with protective case

Technical Data:

Lens: Injection molded optical plastic with A/R coating

Frame: See dimensions below

Note: Eschenbach Premium Prism Eyewear are prescription correctable. Contact our Customer Service Department at 800-487-5389 for details.

Product #	Frame	Power
B2204-4	Gold	+ 4D w/+ 6DΔ in
B2204-6	Gold	+ 6D w/+ 8DΔ in
B2204-8	Gold	+ 8D w/+ 10DΔ in
B2204-10	Gold	+ 10D w/+ 12DΔ in
B2702-4	Pewter	+ 4D w/+ 6DΔ in
B2702-6	Pewter	+ 6D w/+ 8DΔ in
B2702-8	Pewter	+ 8D w/+ 10DΔ in
B2702-10	Pewter	+ 10D w/+ 12DΔ in

Also available as B2700-kit of 4 pairs of prismatic eyewear and cases.

Frame Information:

Product #	Frame Size (mm)	Bridge Size (mm)	Temple Size (mm)
B2204 (Gold)	47	20	140
B2702 (Pewter)	46	20	145

Economy Plus

B3000

B3000

Economy Plus Prism Eyewear

This fashionable eyewear is available in 5 powers. The bronze colored frame (nickel) is modern, uni-sex and can be worn as a half-eye or as full-field spectacles.

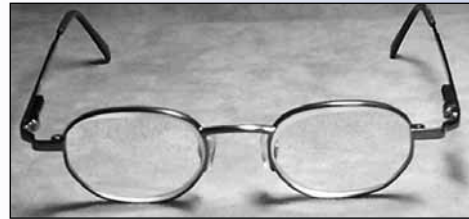
Special Features:

- Spring-hinge temple design can be cut to fit children's size
- Economical price
- Case included with each pair
- Optional foam-lined carrying case available for the 4 piece diagnostic kit (B 3001-Kit contains +4, +6, +8 and +10)

Technical Information:

Lens: CR-39 with scratch resistant coating

Frame: Nickel alloy – see dimensions below



Product #	Power
B3000-4	4D w/ 6DΔ in
B3000-6	6D w/ 8DΔ in
B3000-8	8D w/ 10DΔ in
B3000-10	10D w/ 12DΔ in
B3000-12	12D w/ 14DΔ in
B3001-Kit	One of each pair +4, +6, +8, +10

Frame Information:

	Frame Size (mm)	Bridge Size (mm)	Temple Size (mm)
B3000's	42	18	145

B64076



■ Spectacle Magnifiers Featuring ClearImage II® Lenses

Eschenbach Spectacle Magnifiers offer Designs for Vision, Inc.'s ClearImage II® lenses in a fashionable, adjustable frame. These spectacle magnifiers are ideal for patients who wish to engage in extended viewing tasks requiring high magnification, especially with hands-free usage. They are also ideal for prismatic eyewear users who find they need to use a higher magnification due to the diminished acuities resulting from disease progression.

Special Features:

- Distortion-free viewing from edge to edge
- Lightweight frame with wire bridge and temples
- Offered in a uni-sex frost colored frame
- Available in 7 powers from 8D to 32D

Technical Information:

Lens: ClearImage II® lens (35 mm dia.) is made of hi-index glass with anti-reflection coating in a patented doublet lens design

Frame: See dimensions below

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.

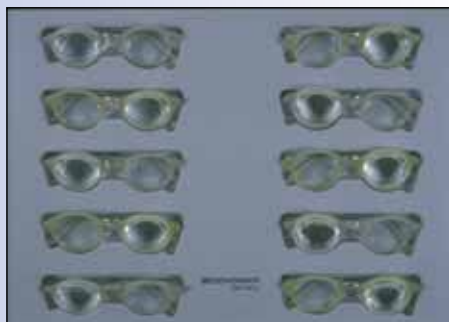
Spectacle Magnifiers

Frost Frame	Eye	Power
B64076-08-OD	Right	8D (2x)
B64076-08-OS	Left	8D (2x)
B64076-12-OD	Right	12D (3x)
B64076-12-OS	Left	12D (3x)
B64076-16-OD	Right	16D (4x)
B64076-16-OS	Left	16D (4x)
B64076-20-OD	Right	20D (5x)
B64076-20-OS	Left	20D (5x)
B64076-24-OD	Right	24D (6x)
B64076-24-OS	Left	24D (6x)
B64076-28-OD	Right	28D (7x)
B64076-28-OS	Left	28D (7x)
B64076-32-OD	Right	32D (8x)
B64076-32-OS	Left	32D (8x)

Frame Information:

	Frame Size (mm)	Bridge Size (mm)	Temple Size (mm)
B64076 (Frost)	45	22	135

B6407



B-6407

Diagnostic tray of Spectacle Magnifiers

Contents: 10 pieces

B64076-12-OD, B64076-12-OS,
B64076-16-OD, B64076-16-OS,
B64076-20-OD, B64076-20-OS,
B64076-24-OD, B64076-24-OS,
B64076-28-OD, B64076-28-OS.

Tray insert B6407-3 and wooden tray 1819-1 come at no charge, with purchase of assortment.

Optionally available:

1880 white display tray with 1882 acrylic cover

Max Family of Galilean Systems

Special Features:

These Galilean systems are hands-free, lightweight optical systems that offer a clear, bright, magnified image. These glasses are ideal for extended viewing tasks such as watching TV, sporting events, movies, theater, or for bird watching, reading or any other viewing activity in which a magnified image would be helpful.

1624-1 MaxTV (for distance)

Special Features:

- Flexible plastic temples
- Frosted objective lens housing eliminates distracting reflections
- Molded nose-bridge with no sharp edges

Technical Information:

Magnification: 2.1x

Lens Size: 32mm

Lens Material: PXM® Plastic

Lens Adjustment: Each lens has a dial that allows it to adjust +/- 3D for spherical correction or to allow for a change in focal length

Temple Length: 135mm

Bridge: Open saddle

Frame Size: 137mm

Focal Range: 10 feet to infinity

Visual Field: 20 degrees

PD Range: 60mm - 68mm

Weight: 1.7 ounces or 49 grams

Case: Sturdy, protective, zippered case included

Case Material: Framed nylon with zipper



1624-1

1624-19 MaxTV Display

The MaxTV display, which holds 4 MaxTVs, is an attractive point-of-purchase display when placed on a counter top or small table in the waiting room or near the check-out desk. The display is free with the purchase of 4 MaxTVs (it is not available for purchase separately).



1624-19

1624-3 MaxEvent (for distance)

Special Features:

- Flexible plastic temples
- Frosted objective lens housing eliminates distracting reflections
- Molded nose-bridge with no sharp edges
- Tint filters out light below 390 nm
- Lenses feature mirror coating

Technical Information:

Magnification: 2.1x

Lens Size: 32mm

Lens Material: PXM® Plastic with mirrored coating

Lens Adjustment: Each lens has a dial that allows it to adjust +/- 3D for spherical correction or to allow for a change in focal length

Temple Length: 135mm

Bridge: Open saddle

Frame Size: 137mm

Focal Range: 10 feet to infinity

Visual Field: 20 degrees

PD Range: 60mm - 68mm

Weight: 1.7 ounces or 49 grams

Case: Sturdy, protective, zippered case included

Case Material: Framed nylon with zipper



1624-3

1624-5 MaxDetail (for near)

Special Features:

- Flexible plastic temples
- Frosted objective lens housing eliminates distracting reflections
- Molded nose-bridge with no sharp edges

Technical Information:

Magnification: 2x

Lens Size: 32mm

Lens Material: PXM® Plastic

Lens Adjustment: Each lens has a dial that allows it to adjust +/- 3D for spherical correction or to allow for a change in focal length

Temple Length: 135mm

Bridge: Open saddle

Frame Size: 137mm

Working Distance: 16 inches (may vary due to refractive error)

Visual Field: 20 degrees

PD Range: 60mm - 68mm

Weight: 1.7 ounces or 49 grams

Case: Sturdy, protective, zippered case included

Case Material: Framed nylon with zipper



1624-5



1636-2
1636-3
1636-4



Galilean Systems for Near

Special Features

Eschenbach Galilean telescopes for near are available as monocular or binocular systems. Galilean systems are small, lightweight optical systems that offer a bright image. They consist of a positive objective lens and a negative ocular lens. Frame-mounted systems are ideal for extended viewing tasks, whereas hand-held systems excel in spotting applications.

1636

Binocular Galilean System for Near

Special Features:

- Unique adjustable frame allows the system to be fit immediately so it can be used THAT DAY! No lab required!
- Adjustable bars for the pupillary distance can be locked in place simply by tightening the screws and using the included lockwasher
- Frame features cold bend wire-core temples (150 mm in length) and an adjustable saddle bridge

Technical Information:

Magnification: 2.5x, 3x, 4x (Spherical correction of +/- 5D)

PD Range: 54 to 74 mm

Lens: Achromatic objective, coated, 23 mm diameter

Frame: Black plastic, reinforced with fiberglass

Weight: 70 grams

Case: Simulated leather zippered case, included

Rx: Ocular side Rx can be added. Order 1622-1 for pattern and mounting tape. Or contact our Customer Service Department at 800-487-5389 and ask about our convenient custom Rx service.

1637

Monocular Galilean System for Near

Special Features:

Comes complete with a clip-on attachment for eye-glass wearers. It can be used with the attachment or without as a hand-held monocular.

Technical Information:

Magnification: 3x, 4x

Lens: Achromatic, coated, 23 mm diameter

Housing: Black plastic, reinforced with fiberglass

Weight: 30 grams

Case: Simulated leather zippered case, included

1637-3
1637-4



Product #	Magnification	Field of View	Working Distance (mm)	Style
1636-2	2.5x	15.0°	75-350	Binocular
1636-3	3x	12.5°	45-200	Binocular
1636-4	4x	8.0°	35-250	Binocular
1637-3	3x	12.5°	45-200	Monocular
1637-4	4x	8.0°	35-200	Monocular

See page 62 for more technical information.

Galilean Systems for Distance

Special Features:

Eschenbach Galilean telescopes for distance feature small, lightweight optical systems that offer a bright image. They consist of a plus objective lens and a minus ocular lens. (See page 62 for more technical information.)

1634 Series

Binocular Galilean System for Distance

Special Features:

- Unique adjustable frame allows the system to be fitted immediately so it can be used THAT DAY! No lab required!
- Adjustable bars for the pupillary distance can be locked simply by turning the screws
- Frame features cold bend wire-core temples (150mm in length) and an adjustable saddle bridge

1634

Technical Information:

Magnification: 3 x (Spherical correction of +/- 5D)

Visual Field: 160 m/1000 m* 9.5°

Focus Range: From 70 cm to infinity

PD Range: 54 to 74 mm

Lens: Achromatic objective, coated, 23 mm diameter

Frame: Black plastic, reinforced with fiberglass

Weight: 70 grams

Case: Simulated leather zippered case, included

Rx: Ocular side Rx can be added. Order 1622-1 for pattern and mounting tape. Or contact our Customer Service Department at 800-487-5389 and ask about our convenient customer Rx service.

Note: Saddle bridge can be adjusted vertically for height as well as width.

1634-4

Technical Information:

Magnification: 4 x (Spherical correction of +/- 5D)

Visual Field: 130 m/1000 m* 7.5°

Focus Range: From 78 cm to infinity

PD Range: 54 to 74 mm

Lens: 3-lens, multi-coated achromatic objective

Frame: Black plastic, reinforced with fiberglass

Weight: 70 grams

Case: Simulated leather zippered case, included

Rx: Ocular side Rx can be added. Order 1622-1 for pattern and mounting tape. Or contact our Customer Service Department at 800-487-5389 and ask about our convenient customer Rx service.

*Figures for field of view are average values. Field will vary depending on the distance from the eye to the eyepiece.



1634
1634-4



"Whether near ...

1638



1639



Rido-comfort/Tele-comfort

1638 and 1639 Series

These modern-looking telescopes are ideal for either near tasks like reading or for distance tasks like watching television or sporting events. Using new diffractive optics, they are very light and comfortable to wear. Their attractive silver/gray color also improves cosmesis.

1638

Binocular Galilean System for Near

Special Features:

- Lightweight (only 46 grams—33% less than comparable products)
- Modern design improves cosmesis
- PD can be adjusted using screws under bridge cover
- Open saddle bridge provides comfort
- Objective lens provides spherical correction of +/- 5D

Technical Information:

Magnification: 2.5x

PD Range: 54 to 74 mm

Lens: Aspheric-diffractive lens design

Frame: Chromium-plated metal temples

Housing: Plastic reinforced with fiberglass

Weight: 46 grams

Case: Simulated leather zippered case, included

1639

Binocular Galilean System for Far

Special Features:

- Lightweight (only 46 grams—33% less than comparable products)
- Modern design improves cosmesis
- PD can be adjusted using screws under bridge cover
- Open saddle bridge provides comfort
- Objective lens provides spherical correction of +/- 5D

Technical Information:

Magnification: 2.5x

PD Range: 54 to 74 mm

Lens: Aspheric-diffractive lens design

Frame: Chromium-plated metal temples

Housing: Plastic reinforced with fiberglass

Weight: 46 grams

Case: Simulated leather zippered case, included

Product #	Magnification	Working distance	Field of view*
1638	2.5 x	250 mm	12°
1639	2.5 x	650 mm - ∞	13°

*Figures for field of view are average values. Field will vary depending on the distance from the eye to the eyepiece.

More technical data on page 62.



... or far, this vision aid has become simply indispensable for me!"

Wide-field Galilean Telescope



1623 Wide-field Galilean Telescope

This monocular telescope is ideal for distance tasks like watching TV and for near tasks like reading, when used with a reading cap. Made with new diffractive optics technology, the 1623 telescope provides an astounding 22 degrees field of view and does so at only 17 grams in weight making it an ideal mounted telescope.

Special Features:

- Very lightweight
- Large field of view
- Accommodates snap-on, hinged reading caps that can be flipped-up out of the way
- Designed for mounting in spectacles or for use with a finger ring
- No focusing required
- Can be prescription corrected

Technical information:

Magnification: 2x

Degrees of Field: 22°

Housing: Gray plastic

Weight: 18 grams (25 grams with reading cap)

Accessories:

Snap-on Reading Caps

1623-0	Frosted lens	
1623-3	Attachment lens	3.0 dpt
1623-4	Attachment lens	4.0 dpt
1623-5	Attachment lens	5.0 dpt
1623-6	Attachment lens	6.0 dpt
1623-8	Attachment lens	8.0 dpt
1623-10	Attachment lens	10.0 dpt
1623-12	Attachment lens	12.0 dpt
1623-01	Reading Cap Ring	

- Aspherical PXM® lightweight lens, 42 mm in diameter
- Lens hard-coated on both sides with cera-tec®
- Reading caps are easy to handle, they can be folded up easily without having to be detached.

Product #	Magnification	Working distance	Field of view*
1623	2.0 x	∞	380m/100 mm
1623 + 1623-3	1.5 x	330 mm	130 mm
1623 + 1623-4	2.0 x	250 mm	100 mm
1623 + 1623-5	2.5 x	200 mm	80 mm
1623 + 1623-6	3.0 x	167 mm	66 mm
1623 + 1623-8	4.0 x	120 mm	48 mm
1623 + 1623-10	5.0 x	100 mm	40 mm
1623 + 1623-12	6.0 x	83 mm	34 mm

*Figures for field of view are average values. Field will vary depending on the distance from the eye to the eyepiece.

More technical data on page 62.

1630 Test Kit

With the contents of this kit, you can test most adjustments for far and near.

Contents:

2 x 1623 with trial frame rings attached
 1 each x 1623-0, 1623-3, 1623-4, 1623-5, 1623-6, 1623-8, 1623-10, 1623-12

Fitting instructions 1625-10



1623



"Now watching TV is really enjoyable again!"



cera-tec®
coating

1623-0
1623-3
1623-4
1623-5
1623-6
1623-8
1623-10
1623-12



1630

1621



Galilean 2.2x Afocal Telescope System

Special Features:

- Lightweight and cosmetically appealing
- Reading caps allow for near vision tasks
- Designed for mounting in spectacles or for use with ESCHENBACH's adjustable 1631 frame. See page 43.
- Can be mounted in the eye care professional's office with the 1625 kit. See page 45.
- This modular-linseatic system has been calculated and designed to largely eliminate chromatic aberration
- Can be prescription corrected

1621 Galilean Telescope

Technical Information:

Base Magnification: 2.2x

Visual Field: 14°, 250 m/1000 m

Housing: Black plastic

Weight: 16 grams

Rx: Ocular side Rx can be added. Order 1622-1 for Rx carrier and mounting tape. Or contact our Customer Service Department at (800) 487-5389 and ask about our convenient customer Rx service.

1621-0
1621-3
1621-4
1621-5
1621-6
1621-8
1621-10
1621-12
1621-16



Reading Caps for 1621, 1622-5 and 1673s*

Product #	Power of Cap	Magnification with Cap	Field (1621) degrees	Working Distance (mm)
1621-0	Occluder			
1621-3	+3D	1.65x	12°	330
1621-4	+4D	2.2x	12°	250
1621-5	+5D	2.75x	12°	200
1621-6	+6D	3.3x	12°	167
1621-8	+8D	4.4x	12°	120
1621-10	+10D	5.5x	12°	100
1621-12	+12D	6.6x	12°	83
1621-16	+16D	8.8x	12°	63

*Note: 1673s require an adapter to use the reading caps. For the 1673-1 and 1673-2, use the 1673-02 adapter. For the 1673-3 and 1673-4, use the 1673-03 adapter (see page 39 for 1673s).

1622-5



1622-5 Galilean Telescope

Special Features:

This afocal Galilean Telescope adds a new higher power of 2.5x in our Galilean line and fills the gap between the 2.2x Galilean telescope and the 2.8x Keplerian telescope (1673-1). Not only does this telescope fill an unmet magnification need, but it does so using a Galilean design which allows the telescope to be light in weight, making it ideal for mounting into eyewear.

Technical Information:

Magnification: 2.5x

Field of View: 13°

Weight: 11 grams

Lens: Hard, anti-reflective coating

Mounting: Can be mounted using Eschenbach's Telescope Mounting Service

Miscellaneous: Can be used for near tasks using 1621 reading caps (in powers of 3D to 16D).

1510-25



1510-25 Mobilux Far® – A telescope and magnifier in one!

Technical Information:

Magnification: 2.5x when set as a telescope ("off" position)

3.2x when set as a hand-held magnifier ("on" position)

Lens: Diffractive lens hybrid made of PXM® material

Illumination: one LED

Batteries: 2 AA batteries (included)

■ 1673 Keplerian Telescopes

1673 Series - Keplerian Telescopes

Special Features:

The Keplerian series is unique in that the telescopes can be used in a variety of ways:

- Can be used for distance, intermediate and near use
- Unlimited working distances by simply adjusting the focus (from 20 cm to infinity)
- Can be used as a hand-held spotting telescope
- Can be easily mounted in the ESCHENBACH 1631 frame to do hands-free tasks (see page 43)
- Can be mounted in spectacle frames either in your office with our 1625 kit (see page 45) or by an ESCHENBACH approved laboratory
- Can be used with 1671-1 finger ring support (see below)
- Can be used with ESCHENBACH's reading caps using either the 1673-02 adapter (for 1673-1 and 1673-2) or the 1673-03 adapter (for 1673-3 and 1673-4)

Technical Information:

Lens: Achromatic glass lens, multi-coated, integrated miniature roof-prism

Housing: Brushed metal/rubber grip

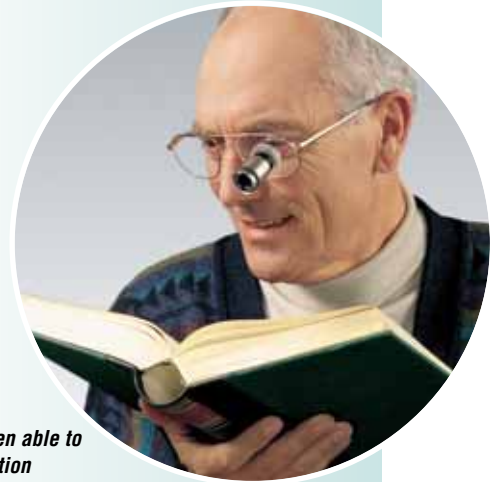
Rx: Ocular-side Rx can be added. Order 1622-1 for Rx carrier and mounting tape

Case: Comes with soft black case with Velcro fastener and carrying cord

Note: Unscrew eyepiece to mount in 1631 frame or lens

Product #	Magnification	Visual Fields	Degrees of View	Objective Lens Diameter
1673-1	2.8 x Dist	220/1000 m	12.5°	9 mm
	3.4 x Near	26/150 mm	10°	
1673-2	4.2 x Dist.	175/1000 m	10°	10 mm
	5.5 x Near	25/200 mm	7.2°	
1673-3	4.2 x Dist.	220/1000 m	12.5°	12 mm
	5 x Near	32/200 mm	9.2°	
1673-4	6 x Dist.	175/1000 m	10°	16 mm
	7.6 x Near	26/250 mm	6.0°	

See page 62 for more technical information.



"I have not been able to obtain information so quickly and so reliably for a long time."



1673-1
1673-2



1673-3
1673-4



1673-02
1673-03

1671-1 Finger Ring

The 1671-1 finger ring adds support for those who use the 1673 series frequently as a hand-held monocular. The 1673 monoculars mount on the finger ring in similar fashion to the 1631 frame above.



1671-1

1632



1632 Diagnostic Testing Kit

The 1632 kit is designed for diagnostic testing of visually impaired patients. The kit comes complete with trial frame adapters attached to the (2) 1621, and (1) 1621-1, telescopes for easy testing. Also included are reading caps to adapt the telescopes for near tasks.

1632 Contents:

- 1621** Galilean 2.2 x (2 pcs.)
- 1622-5** Galilean 2.5 x
- 1673-1** Keplerian monocular 2.8 x 9
- 1673-2** Keplerian monocular 4.2 x 10
- 1673-3** Keplerian monocular 4.2 x 12
- 1673-4** Keplerian monocular 6 x 16
- 1619** Trial frame adapters (6 pcs., of which 4 are fitted)
- 1671-1** Finger ring
- 1673-02** Adapter for 1673-1 and 1673-2
- 1673-03** Adapter for 1673-3 and 1673-4
- 1621-0** Clear lens
- 1621-3** Reading cap 3.0 dpt
- 1621-4** Reading cap 4.0 dpt
- 1621-5** Reading cap 5.0 dpt
- 1621-6** Reading cap 6.0 dpt
- 1621-8** Reading cap 8.0 dpt
- 1621-10** Reading cap 10.0 dpt
- 1621-12** Reading cap 12.0 dpt
- 1621-16** Reading cap 16.0 dpt

1632-1



1632-1 Galilean Diagnostic Kit

Same as the 1632 but without the Keplerian monoculars.

1632-2

Empty Diagnostic Kit.

1699



1699

Diagnostic tray of Galilean, Keplerian and Clip-on Vision Aids

Contents: 18 Pieces

1510-25, 1631, 1634, 1634-4, 1636-2, 1636-3, 1636-4, 1644-504, 1646-70, 1645-1, 1645-2, 1645-3, 1645-4, 1645-5, 1671-1, 1673-1, 1673-2, 1673-3. Tray insert 1699-304 and wooden tray 1819-1 come at no charge, with purchase of assortment.

Optionally available:

1880 white display tray with 1882 acrylic cover

■ Monocular Telescopes

Prism Monoculars 1674-820 and 1674-832

Special Features:

These prism monoculars can be used in a variety of ways:

- First, as a hand-held telescope to detect details at a distance such as street names, house numbers, or road signs
- Second, as a hand-held microscope for close-up (short focus) viewing
- Third, as a stand microscope of up to 25x

1674-820

Technical Information:

Magnification as Telescope: 8x

Visual Field: 125 m/1000 m, 7°

Focus Range: 30 cm to infinity

Magnification as Microscope: 25x

Stand Magnifier Included: 3x

Lens: Achromatic, multi-coated, roof prism system

Lens Size: 20 mm diameter

Housing: Light-metal

Case: Black leather protective case included

1674-832

Technical Information:

Magnification as Telescope: 8x

Visual Field: 140 m/1000 m, 8°

Focus Range: 70 cm to infinity

Magnification as Microscope: 25x

Stand Magnifier Included: 3x

Lens: Achromatic, multi-coated, roof prism system

Lens Size: 32 mm diameter

Housing: Light-metal

Case: Black leather protective case with belt loop included

4293 One-handed Slide Focus Telescopes

This innovative line of monocular Keplerian telescopes provides a unique panoramic field of view and is now available in a choice of two different magnifications. All of the monocular telescopes feature the unique slide-focus mechanism designed for single-hand use. Case included.

Special Features:

- Simple slide-focus mechanism can be used with one hand
- Unique rectangular Keplerian design provides a panoramic field of view
- Rubber coated for protection and durability

Technical Information:

Magnification: 6 x 16, or 8 x 16

Weight: 64 grams

Visual Field: 8°, 7°

Focus Range: 1m to infinity

Case: Included

Product #	Magnification	Degrees of Field
4293-616	6x	8°
4293-816	8x	7°

4292-821

Special Features:

- Unique Porro design
- Folds down to only 2 3/4" x 1 7/8" x 1"
- Porro design minimizes the effect of tremors on image
- Rugged exterior with rubberized, dimpled coating

Technical Information:

Magnification: 8 x 21

Weight: 73 grams

Visual Field: 6.4°

Focus Range: 1.5m to infinity

Case: Included



1674-820



1674-832



4293-616
4293-816



4292-821

4294-413



4294-413 Microlux 4x13

Designed for single-hand use, this monocular telescope is ideal for museums, sporting events and many other leisure activities. Squeeze the casing once and the Microlux expands for use. Squeeze it again and it retracts into its protective case. Additionally, if used in reverse, the Microlux acts as a field expander, ideal for those with restricted visual fields.

Special Features:

- Compact design--only 48mm x 25mm x 38mm when closed
- Simple opening and closing mechanism allows for single-hand use
- Rubber exterior at the grip prevents slipping
- Fully coated optics offer a bright image

Technical Information:

Magnification: 4 x 13

Weight: 46 grams

Visual Field: 13°

Focus Range: 10 feet to infinity

Case: Included

4294-618



4294-618 Microlux 6x18

Special Features:

Your patients will love the Microlux 6x18 for its easy use, compact size, and excellent functionality. The simple opening mechanism is designed for single-handed use, and the rubber exterior at gripping points ensures a secure, non-slip grasp. This monocular telescope is ideal for use at museums, sporting events, bird watching, or reading far away signs. It is portable, fits easily into a pocket or purse, and is especially convenient for low vision applications because it provides 6x magnification with a touch of the finger. When not in use, it easily slips back into its protective case.

Technical Information:

Magnification: 6 x 18

Weight: 78 grams

Visual Field: 8°

Focus Range: 10 feet to infinity

Case: Includes a carrying strap and lightweight carrying case.

Size-Open/Closed: Length: 78mm (approx. 3 in.), Width: 26mm (approx. 1 in.); 63mm (2.4 in.) in height when opened, 42mm (1.6 in.) when closed.

8417-3822



8417-3822 Compact 8x Binoculars

Compact and light weight binoculars are ideal for low vision applications as well as sporting and recreational use. Features include multi-coated lenses, semi-internal focus, diopter adjustment, carrying case, and strap. Rubber eyepieces fold back for use by spectacle wearers.

Technical Information:

Magnification: 8 x 22

Visual Field: 142 m/1000 m, 8°

Weight: 203 grams

84158-8



84158-8 Lightweight 8x Binoculars

Compact and lightweight binoculars are ideal for low vision applications as well as sporting and recreational use. Features include multi-coated lenses, reverse Porro prisms, semi-internal focus, diopter adjustment, carrying case, and strap. Rubber eyepieces fold back for use by spectacle wearers.

Technical Information:

Magnification: 8 x 21

Visual Field: 123 m/1000 m, 7°

Weight: 168 grams

Carrier Systems

1693 Carrier Frame

Special Features:

This frame is designed for mounting Eschenbach's Galilean and Keplerian monocular telescopes. The unisex frame is made of titanium and nickel and has spring-hinged temples. The lens includes a grid that makes marking even easier. The frame is available in 3 sizes and includes a soft saddle bridge nose pad.

Frame Information:

Product#	Frame	Bridge	Temple
	Size (mm)	Size (mm)	Size (mm)
1693-4916	49	16	150
1693-5116	51	16	150
1693-5218	52	18	150



1693-4916
1693-5116
1693-5218

1631 Frame

Special Features

Designed to offer more flexibility to users of the 1621, 1622-5, 1623, and the 1673 series

- Allows users to easily mount their monocular telescope and use it as a hands-free vision aid
- Especially useful when watching TV or reading for extended periods of time
- Adjustable bridge, pupillary distance and temples allow for a perfect fit every time!

Technical Information:

Frame: Black, fiberglass, reinforced plastic

PD Range: 54 to 74 mm

Bridge: Adjustable plastic saddle bridge, adjusts vertically for height as well as width

Temples: Black plastic with wire core, cold bend temples, 150mm in length

Case: Comes w/occluder, leather case and strap

Weight: 35 grams

Mounting a 1673 monocular into the 1631 frame

1. Turn the monocular so it is fully extended.
2. Give the monocular a firm turn to loosen the eyepiece, and unscrew the eyepiece from the monocular.
3. Fit monocular through the desired ring of the 1631 frame and screw on the eyepiece at the back of the frame or fasten with a 1671-5 lock washer (p.45).
4. Tighten eyepiece or washer completely before adjusting focus.



1631



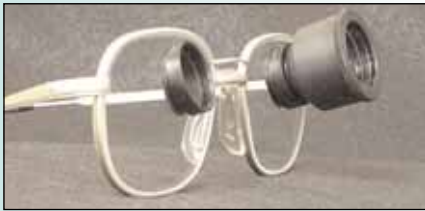
Telescopes

Telescope Carrier Systems & Kit

DVI-TSKit



**1693 w/
DVI-3.0
SGTS**



DVI-2.2 BIO1



DVI-2.2 BIO2



DVI-2.2 FDTS



DVI-2.2 SGTS



DVI-3.0 SGTS



DVI-4.0 SGTS



Simple Snap-in/Snap-out Design! Diagnostic Galilean Telescope Kit

DVI-TSKit

Eschenbach partnered with Designs for Vision, Inc. (DVI) to create this diagnostic kit of customized Galilean telescopes and test frames. The kit includes 6 telescopes that have been specially designed to snap easily into one of the 4 available test frames. The kit can help you determine the optimum mounted telescope solution for your patient and demonstrate it to them without the hassle of trial frames! The kit includes:

- 3 Focusable DVI Spiral Galilean Telescopes in powers of 2.2x, 3x, and 4x
- 2 DVI Bioptic Telescopes (2.2x)
- 1 DVI Afocal Full Diameter Telescope (2.2x)
- 2 specially-adapted Eschenbach 1631 frames for full diameter testing
- 2 Nickel allergy-free titanium Eschenbach Frames (1693) that have been pre-drilled for bioptic testing
- 2 Trial frame carriers
- 2 Sets of replacement springs

The Diagnostic Galilean Telescope kit is perfect for low vision practitioners who want to expand their practice into custom-mounted telescopic solutions for their patients. 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. The convenient "snap-in, snap-out" mechanisms allow you to quickly demonstrate to your patient the functionality and appearance of a custom mounted telescope before ordering!

Note: These telescopes can also be prescription corrected. Contact Eschenbach at (800) 487-5389 for more information.

DVI-TSKit Telescope Information

These telescopes feature the highest quality glass optics and are easy to fit in full-diameter or bioptic positioning due to their Galilean design. Once the optimal telescope is identified, you can then order this telescope. The kit includes:

DVI-2.2 BIO 1

2.2x Bioptic Galilean Telescope for Distance (Afocal)

Magnification: 2.2x

Field of view: 16 degrees

Range of focus: Infinity

DVI-2.2 BIO 2

2.2x Bioptic Galilean Telescope for Distance (Afocal)

Magnification: 2.2x

Field of view: 11 degrees

Range of focus: Infinity

DVI-2.2 FDTS

2.2x Full Diameter Galilean Telescope for Distance (Afocal)

Magnification: 2.2x

Field of view: 16 degrees

Range of focus: Infinity

DVI-2.2 SGTS

2.2x Spiral Galilean Telescope for Distance (Focusable)

Magnification: 2.2x

Field of view: 11 degrees

Range of focus: 12" to infinity

DVI-3.0 SGTS

3.0x Spiral Galilean Telescope for Distance (Focusable)

Magnification: 3.0x

Field of view: 8 degrees

Range of focus: 8" to infinity

DVI-4.0 SGTS

4.0x Spiral Galilean Telescope for Distance

Magnification: 4.0x

Field of view: 6 degrees

Range of focus: 8" to infinity

Contact Eschenbach at (800) 487-5389 to learn how to order a prescription corrected telescope system!

1625 Mounting Kit

The 1625 mounting kit is designed to meet all of your needs for mounting any ESCHENBACH Galilean or Keplerian systems in offices that have edging capabilities. By mounting the Keplerian and Galilean systems in your office, the user is able to leave the office at the peak of motivation with a custom designed system.

The 1625 mounting kit is designed around the carrier lenses which are made of CR 39, together with convergence adapters for mounting binocular systems for near working distances of 200 mm, 250 mm and 330 mm as well as binocular systems for distance.

1625 Contents:

- 6 Carrier Lens Blanks
- 2 Edging adapters
- 2 Adapters for Distance
- 2 Convergence Adapters for 200 mm (binocular)
- 2 Convergence Adapters for 250 mm (binocular)
- 2 Convergence Adapters for 330 mm (binocular)
- 18 Spacing Washers – (6) 0.5 mm, – (6) 1.0 mm, – (6) 2.0 mm
- 6 Lock Washers
- 2 Lock Washers with adhesive rings
- 1 Pattern for Rx Lens
- 1 Tool - Lock washer tightener f/convergence adapters
- 2 Trial Frame Adapters

Replacement Parts

- 1619** 1 Trial Frame Adapter
- 1622** 2 Rx lens carriers with adhesive rings
- 1622-1** 1 Pattern f/Rx Lens and 4 adhesive rings
- 1626-1** 2 Carrier Lenses, 2 Adapters for Distance, 2 Centering/Edging Adapters
- 1626-2** 2 Carrier Lenses, 2 Convergence Adapters for 200 mm 2 Centering/Edging Adapters
- 1626-3** 2 Carrier Lenses, 2 Convergence Adapters for 250 mm 2 Centering/Edging Adapters
- 1626-4** 2 Carrier Lenses, 2 Convergence Adapters for 330 mm 2 Centering/Edging Adapters
- 1626-5** 6 Carrier lenses
- 1626-6** 6 Adapters for Distance
- 1627** Small Parts. Contents:
 - 18 Spacing Washer (6 ea 0.5 mm, 1.0 mm, 2.0 mm)
 - 6 Lock Washer, 2 Rx Lens Carriers w/2 adhesive rings
- 1628** 1 Lock washer tightener
- 1671-5** 6 Lock washers



Absorptive Filters

■ Solar Shields®



Solar Shield® Absorptive Filters

Eschenbach carries an exclusive line of absorptive filters specifically for the low vision patient. Eschenbach's absorptive filters were developed in cooperation with Dioptrics Medical Products, manufacturers of the #1 doctor recommended sunglass. They provide 40% more protection from the sun than ordinary sunglasses because of the top and side shield design.

Features of the Solar Shield® Aviator, Cateye, and Oval Glasses Include:

- 4 lens tints to choose from (gray, yellow, orange, and amber). Gray polarized lenses decrease overall light transmission and reduce glare. Yellow, orange, and amber lenses decrease blue light transmission and increase contrast.
- 3 frames sizes:
 - 1) Aviator (large)
 - 2) Cateye (medium)
 - 3) Oval (small)
- Bend-to-fit temples provide a comfortable, custom fit
- Each pair comes with a protective case
- Lenses can be replaced with Rx'd lenses if needed

Product #	Style	Size	Lens Type
D-224B	Aviator	Large	Gray polarized - 380 nm
D-235B	Aviator	Large	Amber - 511 nm
D-236B	Aviator	Large	Yellow - 450 nm
D-237A	Aviator	Large	Orange - 525 nm
D-244B	Cateye	Medium	Gray polarized - 380 nm
D-255B	Cateye	Medium	Amber - 511 nm
D-256B	Cateye	Medium	Yellow - 450 nm
D-257B	Cateye	Medium	Orange - 525 nm
D-264A	Oval	Small	Gray polarized - 380 nm
D-265A	Oval	Small	Amber - 511 nm
D-266A	Oval	Small	Yellow - 450 nm
D-267A	Oval	Small	Orange - 525 nm
D-200	8 piece kit (one of each Aviator and Cateye)		
D-200-12	12 piece kit (one of each)		
D-999A	Metal counter top display holds 6 pieces. Free with purchase of any 12 pieces		

D-999A



D-200



D-200

Diagnostic tray of 8 Solar Shields®
(order 1660-3 insert separately)

Contents: 8 pieces

D-224B (Gray Aviator-380), D-235B (Amber Aviator-511), D-236B (Yellow Aviator-450), D-237A (Orange Aviator-525), D-244B (Gray Cateye-380), D-255B (Amber Cateye-511), D-256B (Yellow Cateye-450), D-257B (Orange Cateye-525).

Tray insert D-1660-3 and wooden tray 1819-1 are provided at no charge with the purchase of the assortment.

Optionally available:

1880 white display tray with 1883 acrylic cover

Videoloupe® Video Magnifiers

These video magnifiers are the first combined optical and electronic illuminated magnifiers! They combine the ease of an illuminated stand magnifier in one easy-to-use product. When looking through the lens, 3x (7.6D) of magnification is provided and the image is illuminated by new LED technology that features nearly unlimited bulb life. When plugged into any television's "video input" jack, the image is projected onto the screen at a magnification of between 6.5x and 16.5x (depending on the size of the television used and the video magnifier selected).

1657-204 Videoloupe®

Technical Information:

Lens: Aspheric PXM® lens with cera-tec® hard coating

Lens size: 100 x 50 mm

Illumination: 6 LED's

Camera: CMOS camera, 1/4" chip diagonal



Camera display: black/white

Field of view: approx. 34 x 29 mm

Power supply: transformer plug, 12 V DC

Optical Magnification: 3 x / 7.6D

Electronic magnification: The electronic magnification ranges from 8.5x up to 16.5x (depending on the size of the television - see below). The degree of magnification on your television depends on the diagonal size of screen used. At a distance of approx 10 inches from the screen, the magnification will be as follows:

	14"	17"	22"	26"	28"
	8.5x	10x	13x	15x	16.5x



1657-204



1657-304 Videoloupe® Plus

This electronic device offers a second lower magnification option as well as the ability switch to an inverse image.

Technical Information:

Lens: Aspheric PXM® lens with cera-tec® hard coating

Lens size: 100 x 50 mm

Illumination: 6 LED's

Camera: CMOS camera, 1/4" chip diagonal



Camera display: black/white, and white/black (inverse image)

Field of view: approx. 34 x 29 mm/45 x 38 mm

Power supply: transformer plug, 12 V DC

Optical Magnification: 3 x / 7.6D

Electronic magnification: The electronic magnification ranges from 6.5x up to 16.5x (depending on the size of the television - see below). The degree of magnification on your television depends on the diagonal size of screen used. At a distance of approx 10 inches from the screen, the magnification will be as follows:

	14"	17"	22"	26"	28"
	8.5x/ 6.5x	10x/ 7.5x	13x/ 10x	15x/ 11.5x	16.5x/ 12.5x



1657-304



Video Magnifiers

■ In-line

1654-104



1654-104 Color ELG Video Magnifier

Special Features:

Looking for a video magnifier that is easy to use and economical? With only 3 buttons, Eschenbach's Color ELG doesn't require studying a training manual before first use. The ELG connects to a TV and provides between 5x - 58.5x magnification, depending on the size of the TV screen. It provides 3 different viewing options: color, black and white, and reverse polarity (white on black). The X-Y table is padded so that reading materials won't slide and the open system allows the user to view magazines, books, prescription bottles, etc.

Technical Information:

Magnification: from 5x – 58.5x (TV not included)

Screen Color: black & white modes, color, and negative and positive settings

Sliding X-Y Table Size: 17" x 13"

Dimensions (w x h x d): 17" x 17" x 16.5"

Weight: 17 lbs

Illumination: Clip on fluorescent bulb included



1651-1



1651-1 Color ELG Carrying Case

The Color ELG Carrying Case (available separately) is perfect for those who travel a good deal or vacation for long periods of time and would like to transport the ELG easily and safely. The carrying case is padded with lightweight foam making the ELG fit snugly inside with no 'rattle-around' room.

Technical Information:

Dimensions (w x h x d): 21" x 10" x 21"

Weight: 12 lbs (without ELG)



Multi-purpose magnifiers

Slide-out and folding magnifiers

1103 / 1104

Technical data:

- Slide-out magnifier has a durable plastic case
- Compact and versatile-fits into pocket or purse
- With two plano-convex PXM® lightweight lenses
- 1103 has two lenses, each with two magnifications
- 1104 has two lenses, each with one magnification

Product #	Magnification
1103	3 x and 4.5 x or 6 x and 9 x
1104	3 x or 6 x



1103
1104

1109-10

Technical data:

- Folding magnifier has protective, durable case
- Lightweight, tapered, fits easily into any pocket
- Aplanatic distortion free PXM® lightweight lenses
- Duplex anti-static, anti-scratch coating

Product #	Lens size	Magnification
1109-10	23 mm Ø	10 x



1109-10

1116-30 Students' and pupils' magnifier

Technical data:

- Bi-convex PXM® lightweight lens
- Handle and frame are transparent
- Packaged in packs of 10

Product #	Lens size	Magnification
1116-30	30 mm Ø	5 x



1116-30

1163 Handle magnifier in lightweight metal frame

Technical data:

- Aspherical PXM® lightweight lens
- Duplex coating
- Black plastic handle, black, anodized, plastic frame

Product #	Lens size	Magnification
1163	50 mm Ø	6 x



1163

Precision folding magnifiers

1186-9



1182-10



1184-10
1184-20



1176-6
1176-8
1176-10
1176-12



1178-10
1178-15
1178-20



1177-5



1187



1186-9/1182-10

Plastic Precision Folding Magnifiers

Characteristics:

- The body is made of reinforced glass-fiber, durable polyamide
- The air tight body prevents dust, which produces scratches, from entering

Technical data:

- Glass lenses
- Size: 23 mm Ø

Product #	Lens	Magnification	Characteristics
1186-9	Achromatic	3 x + 6 x = 9 x coated	color-aberration-free image
1182-10	Aplanatic	10 x	distortion-free image

Metal Precision Folding Magnifiers

Traditional, technical folding magnifiers provide the high power optics and durability to meet any industry standard.

Achromatic Lens

The unique achromatic lens system eliminates color aberration. It consists of coated lenses that are cemented together using different types of glass. The result is crystal-clear optics with no color aberration.

Aplanatic Lens

Provides a distortion-free image. The two plano-convex glass lenses offer distortion-free, superior optics throughout the viewing field.

Technical Information:

Mount: Black metal lens frame

Handle: Chrome-plated brass

Product #	Lens Size (mm)	Magnification	Lens
1176-6	23	6x	Aplanatic
1176-8	23	8x	Aplanatic
1176-10	23	10x	Aplanatic
1176-12	23	12x	Aplanatic
1178-10	17	10x	Aplanatic
1178-15	17	15x	Aplanatic
1178-20	17	20x	Aplanatic
1177-5	30	5x	Biconvex
1184-10	17	10x	Achromatic
1184-20	17	20x	Achromatic
1187	30	4x + 6x = 10x	Biconvex

1171 Tube Microscope

Characteristics:

- The broad focusing range makes it possible to inspect raised or submerged elements (e.g. holes)
- The wide adjustable range compensates even serious defective vision of the users.
- High degree of brilliance is achieved by the large objective aperture. In daylight no additional lighting is necessary.

Technical data:

- Glass achromatic lenses with Huygens eyepieces
- All lens surfaces are coated giving high illuminance
- Focus adjustable optics precision glass measuring scale, graduation 0.05 mm

Product #	Magnification
1171-1	40 x

1174 Micro-magnifier with illumination

Characteristics:

- Precise focusing with adjustable wheel
- Illumination can be connected, if required

Technical data:

- Glass lenses
- Magnification 30 x
- Batteries (2 AA) included
- Bulb 2.2 V, 250 mA, E10
- Replacement bulb no.1543 (see page 19)

Aspheric Stand Magnifiers

Eschenbach High Power Stand Magnifiers are Ideal for any visual task that requires high magnification.

Special Features:

- The transparent, plastic base lets in maximum light for clear, bright viewing.
- All have an open base for marking underneath
- Magnification/dioptric value/ideal eye-lens distance printed on all lens heads.

Technical Information:

Lens: Aspheric PXM® lightweight lens with very hard cera-tec® scratch resistance coating

Mount: White plastic frame

Base: Transparent plastic base provides easy access to material being viewed

Note: Open base for writing

Product #	Lens Size (mm)	Dpt.	Magnification
2626	50	23	6 x
2628	35	38	10 x

1153

Aplanatic Stand Magnifier

Ideal for looking at film negatives and photographs

Technical Information:

Magnification: 8x (32D)

Lens: Aplanatic PXM® lightweight lens with cera-tec® coating

Lens Size: 25 mm

1124 and 1130

Watchmakers' magnifier, stone magnifier

Characteristics:

- Includes vent to prevent condensation
- Made of flame resistant plastic material

Technical data:

- PXM® lightweight lens with duplex anti-static, scratch resistant coating
- Color: anthracite

Product #	Magnification	Lens	Lens Diameter
1124-3	3 x	plano-convex	25 mm
1124-5	5 x	plano-convex	25 mm
1124-7	7 x	plano-convex	25 mm
1124-10	10 x	bi-convex	25 mm
1130	15 x	2-lens system	13 mm



1171-1



1174



2626



2628



1153



1124-3
1124-5
1124-7
1124-10



1130

Technical Magnifiers

■ Stand

1154-7
1154-10



1154

Characteristics:

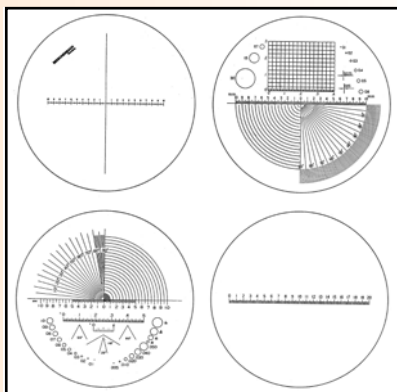
- Clear, distortion-free image
- Fine focusing via handy focusing ring
- Exchangeable precision measuring scales for various applications

Technical data:

- Achromatic glass lens, coated
- Housing made of glass-fiber-reinforced polyamide
- Supplied with standard scale no. 1152-01, Measuring range 20 mm, 1/10 mm graduation
- Comes in a solid plastic box providing space for other scales
- Lens Diameter: 23 mm

Product #	Dpt	Magnification
1154-7	28.0	7 x
1154-10	40.0	10 x

1152-01
1152-02
1152-03
1152-04



Accessories:

Precision measuring scales for various applications
Order no. 1152-01, 1152-02, 1152-03, 1152-04

1151



1151

Characteristics:

- Illumination unit for precision scale magnifiers 1154-7 and 1154-10

Technical data:

- Handle uses 2 C batteries (not included)
- Supplied with bulb 1545

Accessories:

Electric handle w/ halogen light
Order no.: 1599-304 (see page 19)

■ Linen testers

Linen Testers

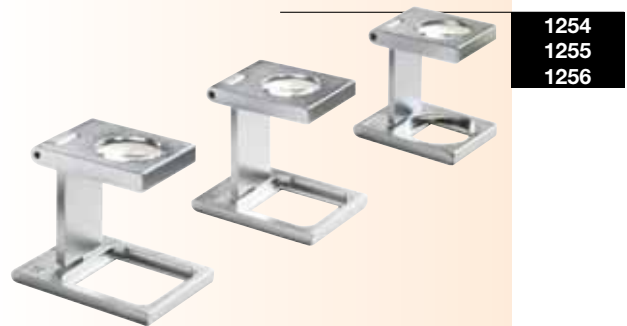
Technical Information:

Lens: Biconvex, optically ground silicate glass

Body: Brass, chrome-plated, matte finish

Case: Leather cases available, see below

Product #	Magnification	Height (mm)	Lens Size (mm)	Cut Out (mm)	Case Number
1254	12x	23	12.6	10x10	1200-1
1255	10x	27	14.6	15x15	1200-2
1256	8x	33	17.6	20x20	1200-3
1258	6x	42	22.6	25x25	1200-4
1259	5x	53	23.6	30x30	1200-5



1254
1255
1256

Aplanatic Linen Testers with Scale

Magnification: 8x

Lens: Aplanatic

Cut-out: 18 mm Ø

Height: 33 mm

Diameter: 15 mm

Product #	Scale	Case Number
1266-91	Square scale 1/10 mm	1200-3
1266-92	Line scale 1/10 mm	1200-3



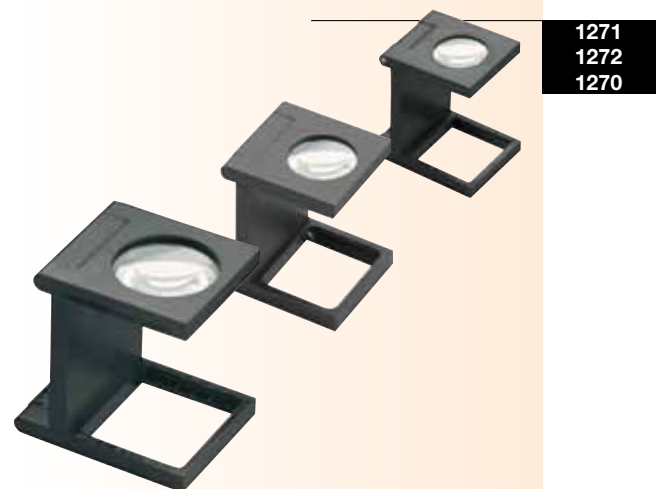
1258
1259



1266-92

Plastic Linen Testers with Lateral mm Scale

Product #	Magnification	Height (mm)	Lens Size (mm)	Cut Out (mm)	Case Number
1270	5x	56	23.6	30x30	1200-5
1271	10x	28	14.6	15x15	1200-2
1272	8x	35	17.6	20x20	1200-3



1271
1272
1270



1200-1
1200-2
1200-3
1200-4
1200-5

Non-Optical Products

■ Task Lighting

1602-04



1602-04 Halogen Desk Lamp

Special Features:

- Well ventilated "stays cool"
- Broad beam lamp with halogen light
- Provides strong illumination for any visual task
- Telescopic arm and swivel head allows a variety of positions for any task

Material: White plastic

Arm Support: Up to 41 cm (approximately 16 inches)

Bulb: 1602-2 (included)

Transformer: 110 v/U.S. plug

1603-04



1603-04 Fluorescent Desk Lamp

Special Features:

- "Always cool" fluorescent light
- Tilting head and flexible arm for maximum adjustability
- Compact and portable

Material: White plastic

Arm Support: Flexes to varying angles

Bulb: 1603-827 (yellow) included

1603-850 (white) available as an option

Transformer: 120 v/U.S. plug

1604-104



1604-104 LED Bar Light

Special Features:

The LED Bar Light features 6 LEDs which create bright, uniform, non-glare illumination precisely where it's needed. About the size of a pencil, it easily attaches to a number of magnifiers and is light enough to even attach to magnifying eyewear.

The LED Bar Light attaches to a broad range of magnifiers, such as: B 2636, 2031-2036, 1648 -xx, 2678, 1861-xx (need additional 1604-11 clip), 1862-xx (need additional 1604-11 clip).

Technical Information:

Illumination: 6 LEDs

Transformer: Electric (no batteries to change!)

Attachments: Includes 4 different clips that allow it to attach to a broad range of magnifiers

1604-11



1604-11 LED Bar Light Clip

Special Features:

The LED Bar Light Clip allows the LED Bar Light to attach to Eschenbach magnifying eyewear such as the novel mono (1681-xx) and novel bino (1682-xx) lines. Clip opens 15mm and it includes rubber protectors for the ends of the clip to prevent scratching of the lens.

1604-11



2090-04 Super-Lite

Special Features:

- Specially designed to provide illumination and magnification for a large rectangular field
- The fluorescent bulb provides superior illumination and lasts up to 2,000 hours!
- The Super-Lite kit contains 4 clips allowing the light to be attached to the following products: Clamp # 2 (for 2678, 2774, 2777), Clamp # 4 (for 2032), Clamp # 5 (for 2636-7, 2636-11), Clamp # 6 (for 2655-175, 2655-150, 2655-750).

Technical Information:

Illumination: Fluorescent

Bulb: 2090-41 included, 5 watts, 4000 Kelvin (white)

2090-21 available as an option, 5 watts, 2700 Kelvin (yellow)

Transformer: 120v/US plug, 60Hz

2090



6949-2



6949-2 LED Headlight

Special Features:

Eschenbach's battery operated LED Headlight is perfect for those who need extra illumination from a hands-free, battery operated product. The LED Headlight is powered by 3 AAA batteries and the battery life is over 30 hours. The adjustable elastic strap is comfortable to wear and stays securely in place. In addition, the on-off switch allows you to turn on one, two or three LEDs depending on how much illumination is needed.

Technical Information:

Illumination: 3 LEDs

Power Source: 3 AAA batteries (included)

Housing: LEDs are housed in a ratcheting mechanism that allows the user to adjust the upward/downward angle of the light.

Weight: only 5.5 ounces

1600 Table Clamp

Table clamp can turn any hand-held magnifier into a "hands-free" magnifier, or can be used to position smaller objects for easier viewing.

Special Features:

- Flexible metal, gooseneck arm with 2 clamps made from high quality black plastic with sponge rubber disks for firm contact on smooth surfaces
- Gooseneck arm is 330 mm (13") in length
- Clamping jaws open to approximately 40 mm (1.6")



1600

C-1605 Reading Stand

Help users position their reading material at a height and angle that makes the reading task easier.

Characteristics:

- By using the reading stand and vision aid concurrently, optimum view is always achieved due to the identical distance to the reading material, which the vision aids provide.
- The reading stand supports an upright, orthopedically correct position, preventing backaches.

Technical data:

- Supporting area: 40 x 35 mm
- Natural maple wood
- 5 different inclines possible
- Edge stopper prevents slipping
- Supplied with clamp attachment for large papers

Note: The reading stand should be re-aligned each time magnifying vision aids are adjusted.



C-1605



Accessories

C-1605-1 Guide Rail

Use:

- Elderly people frequently have problems with guiding magnifiers and magnifying readers. The guide rail facilitates orientation on a line of text.
- The guide rail can be secured at any height using a fixing screw.

Technical data:

- Natural maple wood

C-500 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

Technical Data:

- Solid Poplar Wood



C-500

C-Sim Kit 4



C-Sim Kit 4

Low Vision Simulator Kit

Set of 4 vision loss simulators demonstrating examples of macular degeneration, diabetic retinopathy, cataracts, and glaucoma.

C-100



C-100

Eschenbach Reading Card for Near

- 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).

Usage Note:

- Each line of text lists the Snellen near equivalent (at 16"), M notation, dioptic power requirement and magnification requirement.
To use: Simply 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 dioptic powers needed to read standard news print.

DVI-Chart



DVI-Chart

Distance Reading Chart

Eschenbach is pleased to offer the Original Distance Test Chart for the Partially Sighted as its recommended distance acuity testing tool. The "Feinbloom Number Chart" has been the standard of care among low vision professionals for decades! This acuity test, calibrated for use at 10 feet, allows flexibility to adjust the distance acuity measuring process to meet the abilities of the patient.

Features include:

- 10' optotypes, from 10/10 to 10/700, allow for the most precise distance acuity measurement possible
- Constructed from heavy gauge laminated paper with durable vinyl covers
- Spiral binding allows for quick optotype changes
- Testing distance can be adjusted at the discretion of the practitioner for the most informative acuity measure

D-Mkit



D-Mkit

Marketing Resource Kit

Eschenbach's Marketing Resource Kit is designed to assist in growing the low vision portion of your practice! Materials include:

- Poster: designed to inform the visually impaired that you may be able to help them!
- Video: 15-minute consumer video, produced by the Low Vision Council, "There is Hope", which provides an overview of available types of vision aids.
- Consumer Brochure: four-color, 12 page brochure - ideal for your waiting room!
- Folder: Makes patients aware that you offer Low Vision Care and carry quality Eschenbach products. It includes a comprehensive Marketing Plan with pre-evaluation forms, a customizable consumer flyer, a photo of a visually impaired person using a vision aid, and copies of "boiler-plate" referral letters.
- CD: contains electronic versions of the printed documents in the folder
- Post-it notes: printed with "Low Vision Candidate?" on them, are designed to help identify patients who might benefit from a low vision evaluation.



1860 Optoform® Display

- Attractive and sturdy display holds over 100 vision aids in less than four square feet
- Mobile! The display is on casters so it can be moved around in your office
- Holds up to 11 single trays
- Closed storage cabinet and slide-out shelf on bottom
- Customizable sign on top allows you to personalize the display
- Dimensions: Height 72 inches, Width 22 inches, Depth 18 inches
- Display trays keep products dust-free and are labeled for easy reordering of dispensed items

Note: Products not included. Assembly required.



1860

1855 Dispensing Cabinet with Shelf

- Sturdy white cabinet locks to store your vision aids securely.
- Mobile! The cabinet is on casters so it can be moved around in your office
- Holds up to 9 single trays
- Fold-up shelf provides larger working area, and can be mounted on either side
- Dimensions: Height 30 inches, Width 17 3/4 inches, Depth 24 inches
- Cabinet is shipped fully assembled
- Trays are labeled for easy reordering of dispensed items

Note: Products not included



1855

1860-5 Mini-Optoform® Display

Specially designed for countertop use, this smaller version of the Optoform® dispensing system can hold up to five single trays of ESCHENBACH products. Perfect for retail or a satellite office.

Customizable sign on top allows you to personalize the display for marketing purposes.

Dimensions

Height: 34 3/4" (with sign), 19 3/4" (without sign)

Width: 23"

Depth: 15 1/2"

Note: Detachable sign allows unit to fit between counter top and overhead cabinetry in most exam rooms. Products not included.



1860-5

1852 Portable Low Vision Kit

Developed with the needs of the itinerant low vision provider or satellite office in mind, this lightweight case holds 32 vision aids securely in a protective foam tray. With powers ranging from 2.8 x to 10 x and a variety of head borne, hand-held and stand devices, this kit will allow you to treat visually impaired patients anywhere!

Contents: 1510-10, 1510-3, 1510-5, 1510-7, 1544, 1550-73, 1551-73, 1552-73, 1553-93, 1554-93, 1582-93, 1591-704, 1599-10, 1599-304, 1624-1, 1710-14, 1710-67, 1740-560, 2614-65, 2626, 2655-175, 2655-60, 2668-60, 2855-175, 2855-60, 2858-65, 4293-616, B3000-6, B3000-8, B3000-10, C-100, 1852-1, and DVI-Chart.

Also available: 1852-1 – carrying case without product



1852

Non-Optical Products

Diagnostic Dispensing Systems

Diagnostic Dispensing System Display Trays

These eight trays make up our most comprehensive assortment of products. See the pages indicated for more information on each one.

2822-04



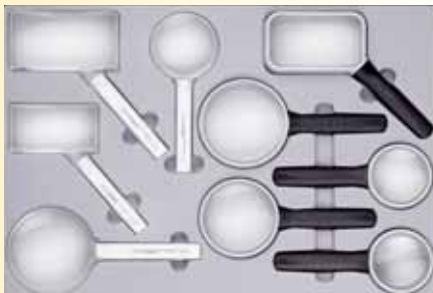
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Diseases that Cause Low Vision

Magnifying vision aids are all optical and electronic aids which help a visually-impaired person to see better. Generally speaking, magnifying vision aids can be matched so that the visually-impaired person can carry out their daily living tasks independently which provides the visually-impaired person with a better quality of life.

Basic comments on magnifying vision aids:

Visual impairment exists when, despite the best possible corrective glasses or contact lenses, vision is impaired. Visual impairment can affect anyone, although it mainly occurs in the elderly. The causes vary and may differ from country to country.

The most frequent causes in our part of the world are age-related macular degeneration (AMD), diabetic retinopathy, cataracts, and glaucoma.

With **macular degeneration**, only the peripheral section of the retina can be used to see, while the retina is destroyed in the region of the visual center called the macula.

Retinitis pigmentosa, due to the death of the rods in the retina the field of view narrows increasingly to a tubular field of view. Retinitis pigmentosa can lead to blindness.

In **diabetic retinopathy**, the function of the retina is disturbed in small islands. At the advanced stage, the islands grow together to form large-field areas.

A **cataract** is clouding of the lens of the eye, which leads to increased sensitivity to flashes of light in addition to impairment of the Snellen Acuity.

Glaucoma is increased internal pressure in the eye that leads to irreversible damage to the optic nerve. With simple glaucoma, central vision remains intact for a long time.

Magnifying vision aids serve to compensate for the decline in Snellen Acuity or reduced field if viewed by corresponding magnification of the retina images.

Although the interest of many visually-impaired persons centers on receiving help with reading, testing for distance must also be conducted. Determining refraction in visually-impaired persons is aimed at determining optical correction with the maximum possible visual acuity. This always forms the starting point for matching magnifying vision aids.

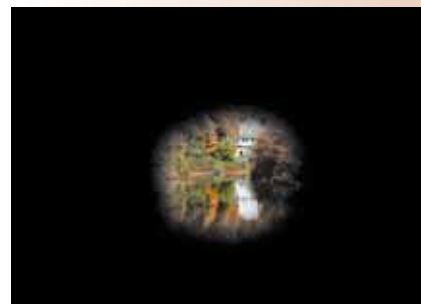
The required magnification of a vision aid is determined by the ratio of the best corrected visual acuity of the patient divided by visual acuity needed to accomplish specified task.



Normal Vision



Macular Degeneration



Glaucoma or Retinitis pigmentosa



Diabetic retinopathy



Cataract

Useful Information about Magnifiers and Eschenbach Lenses

Lens Designs Used in ESCHENBACH Vision Aids

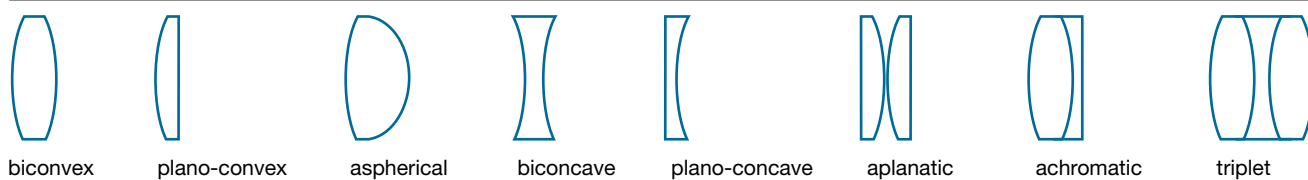


Table of Near Vision Equivalents

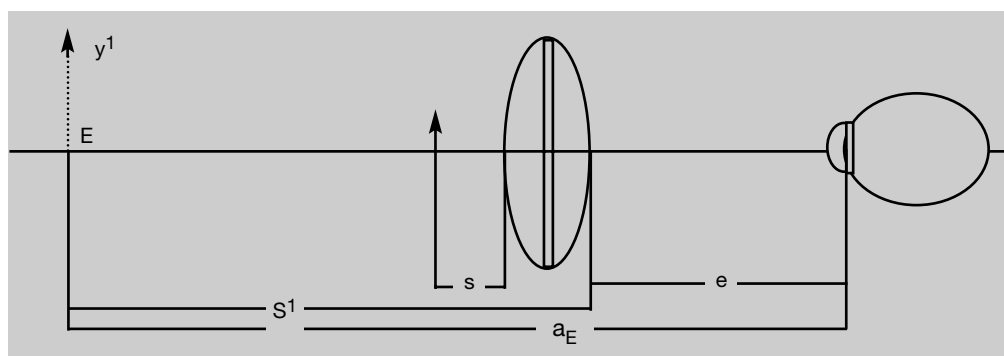
1 Foot = 12 inches = 0.3048 m, 1 inch = 2.54 cm
 1m = 3.2808 feet, 1 cm = 0.3937 inch.

$$\text{Magnification requirement} = \frac{\text{Visual acuity (best corrected)}}{\text{Visual acuity objective}}$$

* For US-market use dec.: US Snellen conversion

Dec.	Log Mar	*US Snellen	Metric Print Size	Npoint	Metric Print Size
	for testing at 40cm (16 inch)		for testing at 25 cm		
1.0	0.0	20/20	0.4 M	N2	0.25 M
0.8	0.1	20/25	0.5 M	N2.5	0.32 M
0.666	0.2	20/30	0.6 M 6Pt.	N3.2	0.4 M
0.5	0.3	20/40	0.8 M	N4	0.5 M
0.4	0.4	20/50	1.0 M	N5	0.63 M
0.333	0.5	20/60	1.25 M 12Pt.	N6.3	0.8 M
0.25	0.6	20/80	1.6 M	N8	1.0 M
0.2	0.7	20/100	2.0 M 18Pt.	N10	1.25 M
0.16	0.8	20/125	2.5 M	N12.5	1.6 M
0.125	0.9	20/160	3.2 M	N16	2.0 M
0.1	1.0	20/200		N20	2.5 M
0.08	1.1	20/250		N25	3.2 M
0.065	1.2	20/320		N32	4.0 M
0.05	1.3	20/400		N40	5.0 M

Design and Use of Stand Magnifiers



- a_E = Eye-to-Image Distance
- y = Object
- y¹ = Image
- e = Eye-to-Lens Distance
- s = Lens-to-object Distance
- s¹ = Lens-to-Image Distance

The Equivalent Power of a stand magnifier (the equivalent spectacle lens power) is the Transverse Magnification (TM), also called the Enlargement Ratio, multiplied by 1 meter/Eye-to-Image distance (aE) in meters. Therefore, EP=(TM)*(1/aE). The Transverse Magnification (TM) of a stand magnifier is the Lens-to-Image distance (s¹) / Lens-to-Object distance (s). Therefore, TM=s¹/s. See next page for details on ESCHENBACH Stand Magnifiers.

Technical Data for Eschenbach Stand Magnifiers

Product Number	Magnification $V=D/4$ or $\dagger V = D/4 + 1$	Diopter $[D]=1/f$	Lens Size (mm)	Lens Type	Eye-to-Lens Distance (mm)	Lens-to-Image Distance (mm)	Eye-to-Image Distance (mm)	Transverse Magnification/ Enlargement Ratio	Maximum Allowable Add (diopter)
1153	8 x	28.7	25	aplanatic	40	321	361	9.1	3.0
1420/21/22	2 x*	16*	65	spherical	Not Specified	50	400	1.7*	20
1424	1.8x	7.2	45	spherical	Not Specified	Not Specified	400		
1426	1.8x	7.2	65 x 36 x 46	aspheric	Not Specified	Not Specified	400		
1436/-1	2.2 x*	16*	90 x 35 x 70	aspheric	Not Specified	125	400	1.7*	8
1557	12.5 x	50	35	aspheric	40	360	400	18.3	2.8
1550	10 x	38	35	aspheric	40	360	400	12.4	2.8
1551	7 x	28	35	aspheric	60	340	400	10	2.9
1552	6 x	24	50	aspheric	100	300	400	7.8	3.3
1553	5 x	20	60	aspheric	140	260	400	5.9	3.9
1554	4 x	16	70	aspheric	150	250	400	4.7	4.0
1559	3 x	12	80	aspheric	250	150	400	3.1	6.7
1565-1	2.8 x†	7	100 x 75	aspheric	250	150	400	2	6.7
1580	3 x†	7.6	100 x 50	aspheric	250	150	400	2.2	6.7
1580**	4 x	11.6	100 x 50	aspheric	190	210	400	3.2	4.8
1582	2.8 x†	7	100 x 75	aspheric	250	150	400	2	6.7
1582**	3.8 x	10.5	100 x 75	aspheric	220	180	400	2.8	5.6
1585	3.9 x	11.4	100 x 50	doublet	200	200	400	3.1	3.8
2031	2.8 x†	6.3	100 x 50	aspheric	250	150	400	2	6.7
2032	2.8 x†	7	100 x 75	aspheric	250	150	400	2	6.7
2034	3.5 x†	10	75 x 50	aspheric	250	150	400	2.9	6.7
2036	2.8 x†	6.3	100 x 50	aspheric	250	150	400	2	6.7
2636-7	2.8 x†	7	100 x 75	aspheric	250	150	400	2	6.7
2636-11	3.8 x†	11	100 x 75	aspheric	250	215	465	3	4.9
2626	6 x	23	50	aspheric	100	300	400	7.8	3.3
2628	10 x	38	35	aspheric	40	360	400	12.4	2.8
2629	12.5 x	50	30	aspheric	40	360	400	18.3	2.8
2632-10	2.5 x	10	90 x 25	aspheric	250	150	400	2.3	6.7

* Estimates

** when using flip-up internal lens

Article number	Magnification		Visual fields * approx. values	Angle	Working distance in mm	Objective Lens diameter in mm	Weight in g
1621	2.2 x	long	*250 m/1000 m	14.0°	∞	23	16
1621 + 16213	1.65 x	short	*67 mm	12.0°	app. 330	27	22
1621 + 16214	2.2 x	short	*54 mm	12.0°	250	27	22
1621 + 16215	2.75 x	short	*44 mm	12.0°	200	27	22
1621 + 16216	3.3 x	short	*35 mm	12.0°	167	27	22
1621 + 16218	4.4 x	short	*25 mm	12.0°	120	27	22
1621 + 162110	5.5 x	short	*22 mm	12.0°	100	27	22
1621 + 162112	6.6 x	short	*18 mm	12.0°	83	27	22
1621 + 162116	8.8 x	short	*14 mm	12.0°	63	27	22
1622-5	2.5x	long	230 m/1000 m	13.0°	∞	25	12
1623	2x	long	400 m	22.0°	∞	37	17
1623-3	2.5x	short	113 mm	20.0°	330	42	33
1623-4	3.0x	short	94 mm	20.0°	250	42	33
1623-5	3.5x	short	81 mm	20.0°	200	42	33
1623-6	4.0x	short	71 mm	20.0°	167	42	33
1623-8	5.0x	short	57 mm	20.0°	125	42	33
1623-10	6.0x	short	48 mm	20.0°	100	42	33
1623-12	7.0x	short	41 mm	20.0°	83	42	33
1634	3 x	long	*160 m/1000 m	9.5°	700 to ∞	23	70
16344	4 x	long	*130 m/1000 m	7.5°	780 to ∞	23	70
1635	3 x	long	*160 m/1000 m	9.5°	700 to ∞	23	30
16362	2.5 x	short	*91 mm/350 mm	15.0°	app. 350	23	70
16363	3 x	short	*54 mm/200 mm	12.5°	app. 200	23	70
16364	4 x	short	*34 mm/250 mm	8.0°	app. 250	23	70
16373	3 x	short	*54 mm/200 mm	12.5°	app. 200	23	30
16374	4 x	short	*34 mm/200 mm	8.0°	app. 250	23	30
1638							
1639							
16731	2.8 x	long	220 m/1000 m	12.5°	150 to ∞	9	25
	3.4 x	short	26 mm/150 mm	10.0°			
16731 + 16213	2.1 x	short/long			90-337		
16731 + 16215	2.8 x	short/long			83-260		
16731 + 16215	3.5 x	short/long			76-207		
16731 + 16216	4.2 x	short/long			70-173		
16731 + 16218	5.6 x	short/long			60-124		
16731 + 162110	7.0 x	short/long			53-100		
16731 + 162112	8.4 x	short/long			48-80		
16731 + 162116	11.2 x	short/long			40-61		
16732	4.2 x	long	175 m/1000 m	10.0°	200 to ∞	10	30
	5.5 x	short	25 mm/200 mm	7.2°			
16732 + 16213	3.15 x	short/long			133-317		
16732 + 16214	4.2 x	short/long			117-241		
16732 + 16215	5.25 x	short/long			104-190		
16732 + 16216	6.3 x	short/long			95-165		
16732 + 16218	8.4 x	short/long			78-119		
16732 + 162110	10.5 x	short/long			67-97		
16732 + 162112	12.6 x	short/long			58-79		
16732 + 162116	16.8 x	short/long			47-60		
16733	4.2 x	long	220 m/1000 m	12.5°	200 to ∞	12	55
	5 x	short	32 mm/200 mm	9.2°			
16733 + 16213	3.15 x	short/long			112-323		
16733 + 16214	4.2 x	short/long			101-245		
16733 + 16215	5.25 x	short/long			91-191		
16733 + 16216	6.3 x	short/long			83-166		
16733 + 16218	8.4 x	short/long			71-122		
16733 + 162110	10.5 x	short/long			61-97		
16733 + 162112	12.6 x	short/long			53-78		
16733 + 162116	16.8 x	short/long			44-60		
16734	6 x	long	185 m/1000 m	10.5°	250 to ∞	17	60
	7.6 x	short	26 mm/250 mm	6.0°			
16734 + 16213	4.5 x	short/long			128-333		
16734 + 16214	6.0 x	short/long			113-249		
16734 + 16215	7.5 x	short/long			101-196		
16734 + 16216	9.0 x	short/long			92-166		
16734 + 16218	12.0 x	short/long			76-122		
16734 + 162110	15.0 x	short/long			66-97		
16734 + 162112	18.0 x	short/long			57-79		

* In Galileian Systems the actual field of view depends on the distance between eye end eyepiece. Therefore the values for the visual field are average values. Technical specifications subject to change without prior notice. (The view angle are measured at HSA 10 mm.)

Product	Page	Product	Page	Product	Page	Product	Page	Product	Page	Product	Page
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1124-5	51	1510-34	6	1603-04	54	1671-5	45	2655-xx	8	C-1605	55
1124-7	51	1510-41	4	1603-827	54	1673-xx	39	2668-xx	9	C-1605-1	55
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1151	52	1510-54	6	1604-11	54	1681-1Kit	28	2755-60	24	D-200	46
1152-xx	52	15106	5	1619	45	1681-Kit OU	28	2771-104	23	D-200-12	46
1153	51	1510-7	5	1621	38	1681-xx	28	2771-8	23	D-2xxA	46
1154-7	52	1510-74	6	1621-x	38	1682-2Kit	29	2772-01	23	D-2xxB	46
1154-10	52	1510-10	5	1622	45	1682-xx	29	2772-02	23	D-999A	46
1163	49	1510-104	6	1622-1	45	1693-xxxx	43	2772-204	23	DVI-2.2 BIO1	44
1171-1	51	1510-12	5	1622-5	38	1697	28	2772-9	23	DVI-2.2 BIO2	44
1174	51	1510-124	6	1623	37	1699	40	2774	24	DVI-2.2 FDTS	44
1177-5	50	1512-9	7	1623-xx	37	1710-xx	15	2778-01	24	DVI-2.2 SGTS	44
1176-xx	50	1542	19	1624-1	33	1711	15	2779-01	24	DVI-3.0 SGTS	44
1178-xx	50	1543	19	1624-19	33	1740-xxx	14	2782-01	24	DVI-4.0 SGTS	44
1182-10	50	1544	19	1624-3	33	1741-103	14	2815-04	9	DVI-Chart	56
1184-10	50	1545	19	1624-5	33	1741-119	14	2822-04	22	DVI-TSKit	44
1184-20	50	1546	19	1625	45	1752-xxx	14	2837	10	D-Mkit	56
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1187	50	1551-73	18	1627	45	1852	57	2855-xx	8		
1200-x	53	1552-73	18	1628	45	1855	57	2858-xx	9		
1254	53	1553-93	18	1630	37	1860	57	2872-xx	10		
1255	53	1554-93	18	1631	43	1860-5	57	2910-xx	26		
1256	53	1557-73	18	1632	40	2018	25	4292-821	41		
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1421	21	1575	7	1637-4	34	2090-21	54	B1680-Kit	30		
1423-1	21	1576	7	1638	36	2090-41	54	B1680-xx	30		
1424	21	1580-63	17	1639	36	2136-x	15	B2204-x	30		
1426	22	1582-63	17	1644-504	26	2605	21	B2702-x	30		
1436	22	1585-04	20	1645-x	27	2605	21	B3000-xx	31		
1436-1	22	1591-704	19	1646-xx	27	2608	21	B3001-Kit	31		
1436-19	22	1599-10	19	1647	27	2612-xx	11	B6407	32		
1500-x	6	1599-304	19	1648-xx	26	2614-xx	12	B64076-xx-OD	32		

The Eschenbach Complete Low Vision Program



The ESCHENBACH Complete Low Vision Program is a turnkey package designed specifically to enhance your patient care and increase your practice income.

ESCHENBACH will provide you with all the tools you need to successfully incorporate low vision services into your practice including:

● In-Office Staff Training

Trained ESCHENBACH representatives will come to your practice to conduct extensive training for you and/or your staff on the applications of the vision aids, dispensing tips and practice management techniques.

● Consultative Support

A broad range of marketing tools, patient screening and resource materials have been developed based on input from hundreds of successful low vision rehabilitation practices. We have also compiled the most frequently used third-party reimbursement codes for your reference.

● Diagnostic System


The attractive and functional Optoform® cabinet contains a comprehensive diagnostic inventory of vision aids to meet the diverse functional needs of the visually impaired. Several standard assortments are available or we can help you develop a customized package.

Once you have enrolled in the ESCHENBACH Complete Low Vision Program, your representative will always be available to come to your office for additional training, new product updates or to answer any questions you may have.

If you're considering offering low vision care in your office, increase your odds for success by choosing Eschenbach!

ESCHENBACH OPTIK

Eschenbach Optik of America, Inc.
904 Ethan Allen Highway
Ridgefield, CT 06877
Phone (800) 487-5389
Fax (888) 799-7200
www.eschenbach.com

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