

# Product solutions for Improved Vision



 **SCHWEIZER**  
Der LowVision-Spezialist

**ImproVision**  
LowVision Solutions

# Who we are

ImproVision is a **subsidiary of SCHWEIZER** and services the company's global export activities. Established in 1840, **SCHWEIZER** is one of the oldest **owner-managed** companies in the German ophthalmic optics sector and boasts one of the **world's largest ranges of specialist visual optical aids**.

SCHWEIZER stands for **many firsts in low vision care** – be it the world's first modular magnifier system with interchangeable magnification heads, the world's first LED illuminated magnifier, the world's first ergonomic magnifier or the **world's first magnifier with inductive charging**.

**Unrivalled quality** is another pillar of SCHWEIZER's strategy. All its illuminated and reading magnifiers are still **"Made in Germany"** at the company's German headquarters in Forchheim.

## More ...

... about us and our range of product solutions can be found at

[www.improvision-lvs.com](http://www.improvision-lvs.com)

or

[www.schweizer-optik.co](http://www.schweizer-optik.co)



# What we offer

... global access to SCHWEIZER's range of **product solutions** for improved vision in addition to our own range of high addition and light protection spectacles.

... professional advice, technical expertise and bespoke support to **help our partners grow** their business.

... regular and comprehensive **professional training**, be it in the classroom or online through our partner [www.optik-akademie.com](http://www.optik-akademie.com).

# Your benefits

- Professional expertise
- Innovative products
- Cutting-edge technology
- Dedicated support
- Global presence tailored to local needs
- Continuing professional development

Do you have questions about our products or do you need further information?

Please give us a call. We have just the specialist expertise you need!



## Hotline

Phone +49 - 9191 - 72 10 56

Fax +49 - 9191 - 72 10 73

E-mail [info@improvision-lvs.com](mailto:info@improvision-lvs.com)

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The retinal image can be enlarged by reducing the distance between the object and the eye below the normal reading distance (relative distance or approach magnification).

However, the presbyopic eye is no longer able to focus on objects at such a close distance. This loss of accommodative ability requires corrective optics such as high addition spectacles.

Patients with binocular potential need glasses with base-in prisms to support convergence.



# High addition spectacles

## Contents

Prismatic half-eye spectacles p. 6

Microscopic half-eye spectacles p. 7

# Prismatic half-eye spectacles

Prismatic half-eye spectacles with a pair of high addition lenses including prisms to support convergence for binocular close distance magnification.

- Spherical CR 39 lenses
- Supplied with protective case
- Made in Sweden



IV PRISMATIC – Black polymer frame, size 43-25

<b>IV80200</b> +3.00 D	<b>IV80203</b> +6.00 D
<b>IV80201</b> +4.00 D	<b>IV80204</b> +7.00 D
<b>IV80202</b> +5.00 D	<b>IV80205</b> +8.00 D



**IVBOX12** Trial box for 12 half-eye spectacles

Contents: 12 half-eye spectacles of your choice



# Microscopic half-eye spectacles

Microscopic half-eye spectacles with one high addition lenticular lens and one CR 39 plano lens on the other side for monocular close distance magnification.

- Spherical CR 39 lenses
- Supplied with protective case
- Made in Sweden



IV MICROSCOPIC – Black polymer frame, size 43-25

<b>IV80220</b>	+ 12.00 D OD	<b>IV80221</b>	+ 12.00 D OS
<b>IV80222</b>	+ 16.00 D OD	<b>IV80223</b>	+ 16.00 D OS
<b>IV80224</b>	+ 20.00 D OD	<b>IV80225</b>	+ 20.00 D OS
<b>IV80226</b>	+ 24.00 D OD	<b>IV80227</b>	+ 24.00 D OS



**IVDIS06** POS display for 6 half-eye spectacles

Contents: 6 half-eye spectacles of your choice



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Magnifiers are one of the traditional aids to improve vision and are thus a preferred solution for visually impaired people.

They are used wherever it is necessary to enlarge an image. Be it for reading, in cases of reduced visual acuity, or to see details more clearly in hobby or leisure activities.

Illuminated magnifiers combine such an enlarged image with the advantages of optimised lighting. Individually tested light temperatures improve contrast vision and thus visual acuity.

Modern illuminated magnifiers are mainly battery-operated. One of the latest innovations in this field uses wireless charging and thus eliminates the need to replace batteries.



# 2

## Magnifiers

### Contents

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Light temperatures: **2700 K** **4500 K** **6500 K**



**152562-1** **154562-1** **156562-1**  
56 D / Ø 35 mm (opt. Ø 27.0 mm)

**152482-1** **154482-1** **156482-1**  
48 D / Ø 35 mm (opt. Ø 27.5 mm)

**152392-1** **154392-1** **156392-1**  
39 D / Ø 35 mm

**152282-1** **154282-1** **156282-1**  
28 D / Ø 35 mm



**152242-1** **154242-1** **156242-1**  
24 D / Ø 55 mm (opt. Ø 52.5 mm)



**152202-1** **154202-1** **156202-1**  
20 D / Ø 55 mm



**152172-1** **154172-1** **156172-1**  
16 D / Ø 35 mm



**152162-1** **154162-1** **156162-1**  
16 D / Ø 60 mm



**152132-1** **154132-1** **156132-1**  
12 D / Ø 35 mm



**152122-1** **154122-1** **156122-1**  
12 D / Ø 70 mm

# LED illuminated hand magnifiers

## ■ ERGO-Lux i mobil

ERGO-Lux i mobil – the lifestyle magnifier with inductive charging. In addition to 2 brightness levels and a choice of 3 light temperatures, the key advantage of this new magnifier lies in its wireless charging capability which eliminates the need to replace batteries.

- Power supply by induction (Qi standard) – no battery replacement, no cable inserted into the magnifier
- Easy-to-feel boost switch provides audible feedback when operated and controls 2 brightness levels for optimised lighting
- Rechargeable lithium-polymer battery with 7-hour operating time at boost level and max. 3-hour charging time; just 10 min. charging needed for 1 hour light
- High contrast, even spread of light thanks to ideal adjustment of light intensity
- Ergonomic design and soft-touch zone for extra grip strength and pleasant feel in timeless white/charcoal grey
- Convenient integrated lanyard loop
- Aspheric lightweight lenses
- Supplied with microfibre pouch for storage and cleaning
- Order any of these magnifiers without charging pad, USB cable and USB power adapter by taking -1 off the item no. (e.g. 152122)



Box ERGO-Lux i mobil with 2 pads and USB adapters

**150202** **150402** **150602**

Contents: 16 D Ø 60 mm, 10 D 75x50 mm right-handed, 8 D Ø 85 mm, 2x charging pad with USB cable and USB power adapter

Light temperatures: **2700 K** **4500 K** **6500 K**



**Box 1 ERGO-Lux i mobil**

**150212** **150412** **150612**

Contents: 12 D Ø 35 mm, 10 D 75x50 mm right-handed, 8 D Ø 85 mm, 8 D 100x75 mm right-handed, 6 D Ø 100 mm



**Box 2 ERGO-Lux i mobil**

**150222** **150422** **150622**

Contents: 28 D Ø 35 mm, 24 D Ø 55 mm, 20 D Ø 55 mm, 16 D Ø 35 mm, 16 D Ø 60 mm, 12 D Ø 70 mm



**Box 3 ERGO-Lux i mobil**

**150232** **150432** **150632**

Contents: 56 D Ø 35 mm, 48 D Ø 35 mm, 39 D Ø 35 mm, 10 D 75x50 mm straight and left-handed, 8 D 100x75 mm left-handed



**150002** **Charging pad**

Approx. 70 x 70 mm with 1.5 m USB cable

**150012** **USB power adapter**

for ERGO-Lux i mobil charging pad

**180902** **Pack of 5 lanyards**

**180912** **Pack of 5 wrist straps**



**152112-1** **154112-1** **156112-1**

10 D / 75x50 mm, straight



**152102-1** **154102-1** **156102-1**

10 D / 75x50 mm, right-handed



**152142-1** **154142-1** **156142-1**

10 D / 75x50 mm, left-handed



**152092-1** **154092-1** **156092-1**

8 D / Ø 85 mm



**152082-1** **154082-1** **156082-1**

8 D / 100x75 mm, right-handed



**152072-1** **154072-1** **156072-1**

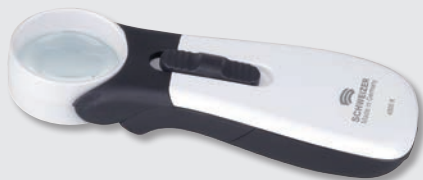
8 D / 100x75 mm, left-handed



**152062-1** **154062-1** **156062-1**

6 D / Ø 100 mm

Light temperatures: **2700 K** **4500 K** **6500 K**



**162562** **164562** **166562**  
56 D / Ø 35 mm (opt. Ø 27.0 mm)

**162482** **164482** **166482**  
48 D / Ø 35 mm (opt. Ø 27.5 mm)

**162392** **164392** **166392**  
39 D / Ø 35 mm

**162282** **164282** **166282**  
28 D / Ø 35 mm



**162242** **164242** **166242**  
24 D / Ø 55 mm (opt. Ø 52.5 mm)



**162202** **164202** **166202**  
20 D / Ø 55 mm



**162172** **164172** **166172**  
16 D / Ø 35 mm



**162162** **164162** **166162**  
16 D / Ø 60 mm



**162132** **164132** **166132**  
12 D / Ø 35 mm



**162122** **164122** **166122**  
12 D / Ø 70 mm

# LED illuminated hand magnifiers

## ERGO-Lux MP mobil

Portable lifestyle magnifier with multi-chip SMD LED and **Multi-Power** light option in a choice of 3 light temperatures.

- Easy-to-feel boost switch provides audible feedback when operated and controls 2 brightness levels for optimised lighting
- 10-hour operating time at boost level, approx. 18 hours at level 1
- High contrast, even spread of light thanks to ideal adjustment of light intensity
- Ergonomic design and soft-touch zone for extra grip strength and pleasant feel in timeless white/charcoal grey
- Easy battery replacement thanks to simple closing mechanism in the handle which locks with a distinct click
- Convenient integrated lanyard loop
- Aspheric lightweight lenses
- Supplied with microfibre pouch for storage and cleaning
- 3 AAA alkaline batteries required



### Carton display 5 ERGO-Lux MP mobil

**162032** **164032** **166032**

Contents: 10 D 75x50 mm straight, 10 D 75x50 mm right-handed, 10 D 75x50 mm left-handed, 8 D 100x75 mm right-handed, 8 D 100x75 mm left-handed, 20 consumer flyers  
Approx. size (WxHxD): 27.5x28.0x16.5 cm

**162042** **164042** **166042**

Contents: 12 D Ø 35 mm, 10 D 75x50 mm right-handed, 8 D Ø 85 mm, 8 D 100x75 mm right-handed, 6 D Ø 100 mm, 20 consumer flyers,  
Approx. size (WxHxD): 27.5x28.0x16.5 cm

Light temperatures: **2700 K** **4500 K** **6500 K**



Box 1 ERGO-Lux MP mobil

**162012** **164012** **166012**

Contents: 12 D Ø 35 mm, 10 D 75x50 mm right-handed, 8 D Ø 85 mm, 8 D 100x75 mm right-handed, 6 D Ø 100 mm



Box 2 ERGO-Lux MP mobil

**162022** **164022** **166022**

Contents: 28 D Ø 35 mm, 24 D Ø 55 mm, 20 D Ø 55 mm, 16 D Ø 35 mm, 16 D Ø 60 mm, 12 D Ø 70 mm



Box 3 ERGO-Lux MP mobil

**162002** **164002** **166002**

Contents: 56 D Ø 35 mm, 48 D Ø 35 mm, 39 D Ø 35 mm, 10 D 75x50 mm straight and left-handed, 8 D 100x75 mm left-handed

**180902** Pack of 5 lanyards

**180912** Pack of 5 wrist straps

**156002** Pack of 3 AAA alkaline batteries

Items can be ordered with or without the necessary batteries as per price list.



**162112** **164112** **166112**

10 D / 75x50 mm, straight



**162102** **164102** **166102**

10 D / 75x50 mm, right-handed



**162142** **164142** **166142**

10 D / 75x50 mm, left-handed



**162092** **164092** **166092**

8 D / Ø 85 mm



**162082** **164082** **166082**

8 D / 100x75 mm, right-handed



**162072** **164072** **166072**

8 D / 100x75 mm, left-handed



**162062** **164062** **166062**

6 D / Ø 100 mm

# Reading & writing stand



**160562 ERGO mobil Base**

suitable for 56 D / Ø 35 mm

**160482 ERGO mobil Base**

suitable for 48 D / Ø 35 mm

**160392 ERGO mobil Base**

suitable for 39 D / Ø 35 mm

**160282 ERGO mobil Base**

suitable for 28 D / Ø 35 mm

**160242 ERGO mobil Base**

suitable for 24 D / Ø 55 mm

**160202 ERGO mobil Base**

suitable for 20 D / Ø 55 mm

**160162 ERGO mobil Base**

suitable for 16 D / Ø 35 mm  
and 16 D / Ø 60 mm

**160122 ERGO mobil Base**

suitable for 12 D / Ø 35 mm  
and 12 D / Ø 70 mm

**160102 ERGO mobil Base**

suitable for 10 D / 75x50 mm,  
straight, right-handed,  
left-handed

**160092 ERGO mobil Base**

suitable for 8 D / Ø 85 mm

**160082 ERGO mobil Base**

suitable for 8 D / 100x75 mm,  
right-handed, left-handed

**160062 ERGO mobil Base**

suitable for 6 D / Ø 100 mm

■ ERGO mobil Base

The ERGO mobil Base reading and writing stand converts any ERGO-Lux MP mobil or ERGO-Lux i mobil hand magnifier into a stand magnifier WITHOUT COMPROMISING image quality.

- Versatile design enables use in different positions – ideal for work where both hands are required
- Suitable for left and right-handed use
- Black matt, textured surface promotes stable grip
- For mobile use, simply remove the magnifier from the stand
- A total of 12 stands in individual heights are available for the different magnifier powers, ranging from 6 D to 56 D to provide exactly the right distance to the object viewed
- Suitable ERGO-Lux MP/ERGO-Lux i mobil magnifiers available separately



56 D / Ø 35 mm



48 D / Ø 35 mm



39 D / Ø 35 mm



28 D / Ø 35 mm



16 D / Ø 35 mm



12 D / Ø 70 mm



12 D / Ø 35 mm



10 D / 75x50 mm



Easy-to-use stand for comfortable reading at exactly the right distance to the object viewed



ERGO mobil Base up to 24 D can also be used in an upright position, leaving both hands completely free for close-up work



24 D / Ø 55 mm



20 D / Ø 55 mm



16 D / Ø 60 mm



8 D / Ø 85 mm



8 D / 100x75 mm



6 D / Ø 100 mm

Light temperatures: **2700 K** **4500 K** **6500 K**

**132562** **134562** **136562**

56 D / Ø 35 mm (opt. Ø 27.0 mm)

**132482** **134482** **136482**

48 D / Ø 35 mm (opt. Ø 27.5 mm)

**132392** **134392** **136392**

39 D / Ø 35 mm

**132282** **134282** **136282**

28 D / Ø 35 mm



**132242** **134242** **136242**

24 D / Ø 55 mm (opt. Ø 52.5 mm)



**132202** **134202** **136202**

20 D / Ø 55 mm



**132172** **134172** **136172**

16 D / Ø 35 mm



**132162** **134162** **136162**

16 D / Ø 60 mm

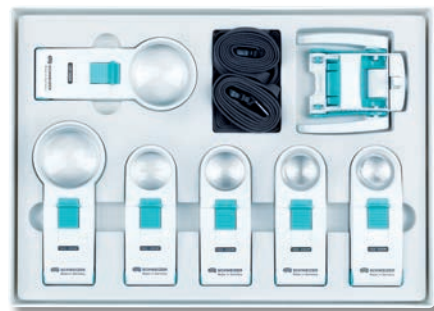


# LED illuminated hand magnifiers

## ■ ÖKOLUX plus mobil

Portable magnifier with multi-chip SMD LED in a choice of 3 light temperatures.

- Very bright, consistent and high-contrast light through the special light emitting diode
- Easy battery replacement thanks to hinged battery box cover
- Convenient integrated lanyard loop
- Aspheric lightweight lens
- Supplied with microfibre pouch for storage and cleaning
- 3 AAA alkaline batteries required



Box ÖKOLUX plus mobil high power lenses

**132022** **134022** **136022**

Contents: 56 D Ø 35 mm, 48 D Ø 35 mm, 39 D Ø 35 mm, 28 D Ø 35 mm, 24 D Ø 55 mm, 20 D Ø 55 mm, base, 5 lanyards



Box ÖKOLUX plus mobil low power lenses

**132042** **134042** **136042**

Contents: 16 D Ø 60 mm, 12 D Ø 70 mm, 10 D 75x50 mm straight, 10 D 75x50 mm right-handed, 8 D Ø 85 mm, 6 D Ø 100 mm

Box ÖKOLUX plus mobil

**132092** **134092** **136092**

Contents: 28 D Ø 35 mm, 24 D Ø 55 mm, 20 D Ø 55 mm, 16 D Ø 60 mm, 12 D Ø 70 mm, 10 D 75x50 mm straight, 10 D 75x50 mm right-handed





Carton display 5 ÖKOLUX plus mobil

**132052** **134052** **136052**

Contents: 12 D Ø 70 mm, 10 D 75x50 mm straight, 10 D 75x50 mm right-handed, 8 D Ø 85 mm, 6 D Ø 100 mm, base, 20 consumer flyers



Carton display 3 ÖKOLUX plus mobil

**132032** **134032** **136032**

Contents: 12 D Ø 70 mm, 8 D Ø 85 mm, 6 D Ø 100 mm, base, 20 consumer flyers



**130092** ÖKOLUX plus mobil base

Writing and reading stand suitable for ÖKOLUX plus mobil

**180902** Pack of 5 lanyards

**180912** Pack of 5 wrist straps

**156002** Pack of 3 AAA alkaline batteries

Light temperatures: **2700 K** **4500 K** **6500 K**

**132132** **134132** **136132**

12 D / Ø 35 mm



**132122** **134122** **136122**

12 D / Ø 70 mm



**132112** **134112** **136112**

10 D / 75x50 mm, straight



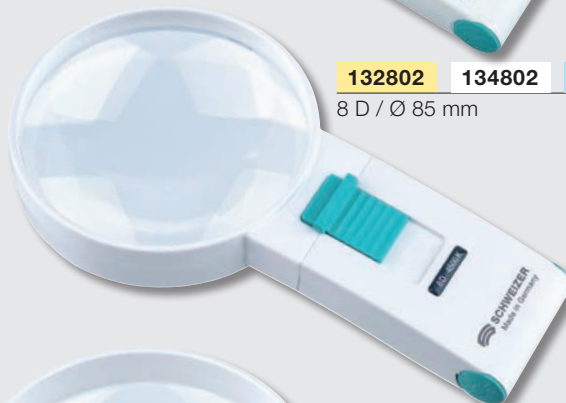
**132102** **134102** **136102**

10 D / 75x50 mm, right-handed



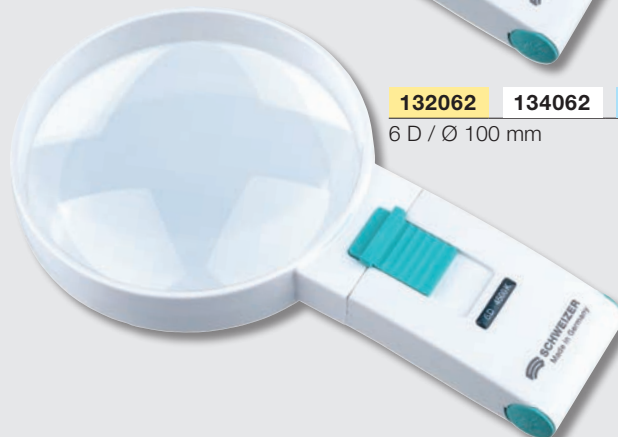
**132802** **134802** **136802**

8 D / Ø 85 mm



**132062** **134062** **136062**

6 D / Ø 100 mm



Items can be ordered with or without the necessary batteries as per price list.

2700 K 4500 K 6500 K Light temperatures



170242 171242 172242

24 D / Ø 55 mm (opt. Ø 52.5 mm)



170202 171202 172202

20 D / Ø 55 mm



170162 171162 172162

16 D / Ø 60 mm



170122 171122 172122

12 D / Ø 70 mm



170082 171082 172082

8 D / 100x75 mm

# LED illuminated hand magnifiers

## ERGO-Lux MP

Lifestyle magnifier with multi-chip SMD LED and **Multi-Power** light option in a choice of 3 light temperatures.

- Easy-to-feel boost switch provides audible feedback when operated and controls 2 brightness levels for optimised lighting
- High contrast, even spread of light thanks to ideal adjustment of light intensity
- Ergonomic design supports hand and arm for relaxed, stress-free position
- Correct distance between the object and the lens is found automatically when the handle end rests on the object
- Easy battery replacement thanks to hinged battery box cover
- Aspheric lightweight lens
- Supplied with microfibre pouch for storage and cleaning
- 3 AAA alkaline batteries required
- Order any of these magnifiers as a complete set including ERGO-Lux Base by adding -SET to the item no. (e.g. 170162-SET)



Box ERGO-Lux MP

170062 171062 172062

Contents: 24 D, 20 D, 16 D, 12 D, 8 D

156002 Pack of 3 AAA alkaline batteries

# LED illuminated stand magnifiers

## ■ ERGO-Lux Base & ERGO-Lux MP

The ERGO-Lux Base fixed-focus holder converts the ERGO-Lux MP into the perfect illuminated stand magnifier.

- Patented magnetic design for easy connection without wear and tear
- Easy scrolling on the object
- Comfortable reading position thanks to tilt feature in the holder which locks into place for firm and stable hold
- Suitable for right and left-handed use of all round lenses
- Bright holder material colour enhances illumination provided by ERGO-Lux MP
- Portable through easy separation of magnifier and holder

For details about ERGO-Lux MP hand magnifiers, please refer to the previous page.



**179102** Box ERGO-Lux Base with all 5 fixed-focus holders

Items can be ordered with or without the necessary batteries as per price list.



**174102** ERGO-Lux Base for ERGO-Lux MP 24 D



**175102** ERGO-Lux Base for ERGO-Lux MP 20 D



**176102** ERGO-Lux Base for ERGO-Lux MP 16 D



**177102** ERGO-Lux Base for ERGO-Lux MP 12 D



**178102** ERGO-Lux Base for ERGO-Lux MP 8 D

Light temperatures: **2700 K** **4500 K** **6500 K**



# LED illuminated stand magnifiers

## ■ ÖKOLUX plus

Battery operated illuminated stand magnifier with a multi-chip SMD LED in a choice of 3 light temperatures.

- Tilt of 8 D magnification head convertible for right or left-handed use
- Very bright, consistent and high-contrast light through the special light emitting diode
- Ideal illumination of the reading material or viewing object enhanced by light-coloured material of the closed magnification head
- Easy battery replacement thanks to hinged battery box cover
- Aspheric lightweight lens
- Supplied with microfibre pouch for storage and cleaning
- 3 AA alkaline batteries required



Box ÖKOLUX plus high power lenses

**142292** **144292** **146292**

Contents: 56 D, 48 D, 39 D, 28 D



Box ÖKOLUX plus low power lenses

**142092** **144092** **146092**

Contents: 20 D, 16 D, 12 D, 8 D

**155002** Pack of 3 AA alkaline batteries

■ **ÖKOLUX plus**  
magnification heads

Easily interchangeable closed magnification head for different magnification powers.

■ **ÖKOLUX plus**  
magnifier handles

Easily interchangeable magnifier handle for different light temperatures.



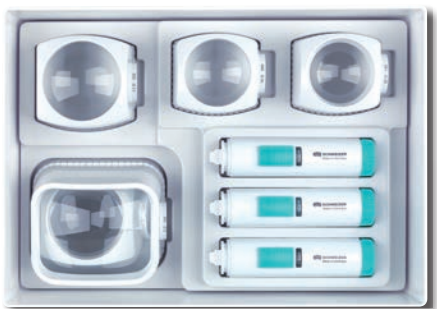
Handle ÖKOLUX plus

**142002** **144002** **146002**



**140292** **Box ÖKOLUX plus high power lenses for testing**

Contents: Heads 56 D, 48 D, 39 D, 28 D and handles 2700 K, 4500 K, 6500 K



**140252** **Box ÖKOLUX plus low power lenses for testing**

Contents: Heads 24 D, 20 D, 16 D, 12 D, 8 D and handles 2700 K, 4500 K, 6500 K

Items can be ordered with or without the necessary batteries as per price list.



**140562** **Head ÖKOLUX plus**  
56 D / Ø 35 mm (opt. Ø 27.0 mm)



**140482** **Head ÖKOLUX plus**  
48 D / Ø 35 mm (opt. Ø 27.5 mm)



**140392** **Head ÖKOLUX plus**  
39 D / Ø 35 mm



**140282** **Head ÖKOLUX plus**  
28 D / Ø 35 mm



**140242** **Head ÖKOLUX plus**  
24 D / Ø 55 mm (opt. Ø 52.5 mm)



**140202** **Head ÖKOLUX plus**  
20 D / Ø 55 mm



**140162** **Head ÖKOLUX plus**  
16 D / Ø 60 mm



**140122** **Head ÖKOLUX plus**  
12 D / Ø 70 mm



**140082** **Head ÖKOLUX plus**  
8 D / 100 x 75 mm

Light temperatures: **2700 K** **4500 K** **6500 K**



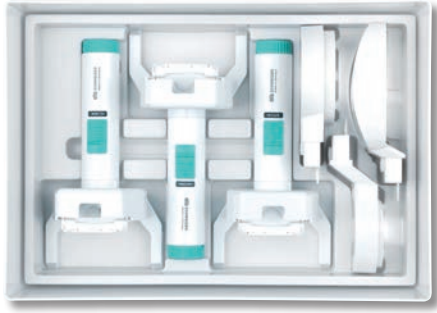
# LED illuminated stand magnifiers

## ■ MODULAR LED

Battery operated illuminated stand magnifier with 3 multi-chip SMD LEDs in a choice of 3 light temperatures.

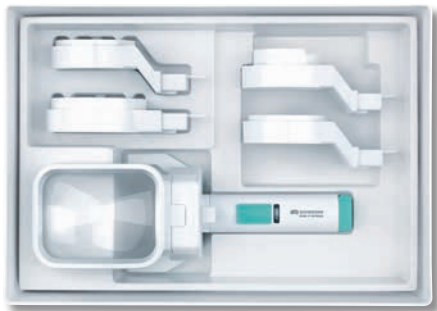
- Easily interchangeable open magnification heads, available in different magnification powers
- Possibility to write under the low power lenses
- Adjustable head tilt for right or left-handed use
- Very bright, consistent and high-contrast light through 3 precisely aligned special light emitting diodes
- Easy battery replacement thanks to hinged battery box cover
- Aspheric lightweight lens
- Supplied with microfibre pouch for storage and cleaning
- 3 AA alkaline batteries required





**198002** Box MODULAR LED for testing

Contents: Heads 16 D, 12 D, 8 D  
and basic units 2700 K, 4500 K, 6500 K



**Box MODULAR LED**

**198022** **198042** **198062**

Contents: Heads 28 D, 20 D, 16 D, 12 D, 8 D and basic unit



**MODULAR basic unit**

**182222** **182242** **182262**

Easily interchangeable battery operated basic unit (handle with fixed tilting part). Tilting part can be swivelled for right or left-handed use



**190102** Head MODULAR  
28 D / Ø 35 mm



**191102** Head MODULAR  
20 D / Ø 55 mm



**192102** Head MODULAR  
16 D / Ø 60 mm



**193102** Head MODULAR  
12 D / Ø 70 mm



**196102** Head MODULAR  
8 D / 100x75 mm



**195102** Head MODULAR  
6 D / Ø 100 mm

**155002** Pack of 3 AA alkaline batteries

Items can be ordered with or without the necessary batteries as per price list.

Light temperatures:

2700 K

4500 K

6500 K

# LED illuminated stand magnifier



TWIN-Lux MP

917222

917242

917262

8D/100x75 mm + 6D/100x50 mm

155002

Pack of 3 AA alkaline batteries

Items can be ordered with or without the necessary batteries as per price list.

## ■ TWIN-Lux MP

LED illuminated stand magnifier with **Multi-Power** light option and three multi-chip SMD LEDs in a choice of 3 light temperatures.

- Easy-to-feel boost switch provides audible feedback when operated and controls 2 brightness levels for optimised lighting
- Very bright, consistent and high-contrast light through 3 precisely aligned multi-chip SMD LEDs
- Comfortable reading posture through ergonomically tilted design
- 3.5x magnification thanks to aspheric lightweight lenses placed at an accurately computed distance
- Wide field of view covers the entire span of a typical newspaper column
- 20-hour operating time at boost level
- Supplied with microfibre pouch for storage and cleaning
- 3 AA alkaline batteries required





# Aspheric hand magnifiers

## ■ ERGO-Style

Ergonomic reading magnifier in a modern style.

- Ergonomic design supports hand and arm for a relaxed, stress-free position
- Correct distance between the object and the lens is found automatically when the handle end rests on the object
- Timeless colour combination of white and charcoal grey
- Aspheric lightweight lens
- Supplied with microfibre pouch for storage and cleaning



These aspheric hand magnifiers are also available with LED illumination. For further information, please refer to page 18.



### 179362 Box ERGO-Style

Contents: 24 D, 20 D, 16 D, 12 D, 8 D



173242 24 D / Ø 55 mm (opt. Ø 52.5 mm)



173202 20 D / Ø 55 mm



173162 16 D / Ø 60 mm



173122 12 D / Ø 70 mm



173082 8 D / 100x75 mm

# Aspheric hand magnifiers

## ■ SEMPRAL

Classic reading magnifier in an elegant design.

- Convenient integrated lanyard loop
- Aspheric lightweight lens
- Supplied with microfibre pouch for storage and cleaning



### 214002 Box SEMPRAL

Contents: 39 D, 28 D, 20 D, 16 D, 12 D, 8 D, 6 D



### 180902 Pack of 5 lanyards



### 180912 Pack of 5 wrist straps



### Suitable soft case

119602 Suitable for SEMPRAL 39 D, 28 D

119622 Suitable for SEMPRAL 20 D, 16 D

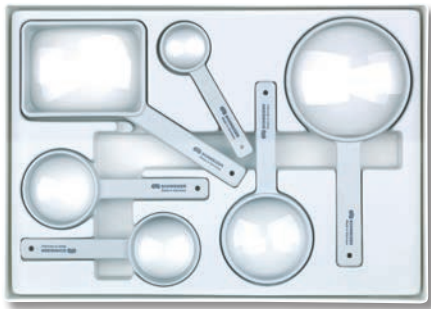
119632 Suitable for SEMPRAL 12 D



## ■ FUNCTIONAL

Economic reading magnifier with mount and handle made in one piece.

- Loop in the handle for a lanyard or cord
- Aspheric lightweight lens
- Supplied with microfibre pouch for storage and cleaning



### 210502 Box FUNCTIONAL

Contents: 28 D, 20 D, 16 D, 12 D, 8 D, 6 D



### 180902 Pack of 5 lanyards



### 180912 Pack of 5 wrist straps



### Suitable soft case

119602 Suitable for FUNCTIONAL 39 D, 28 D

119612 Suitable for FUNCTIONAL 20 D, 16 D

119632 Suitable for FUNCTIONAL 12 D



833902 39 D / Ø 35 mm



833502 28 D / Ø 35 mm



835502 20 D / Ø 55 mm



836002 16 D / Ø 60 mm



837002 12 D / Ø 70 mm



831702 8 D / 100x75 mm



831002 6 D / Ø 100 mm

# Aspheric stand magnifiers

## ■ BOY, SIR, BOSS

Stand magnifier with folding stand and folding handle.

- Mount and handle made from matt black plastic
- Folding stand made from metal with adjustable tilt
- Aspheric lightweight lens
- Supplied with microfibre pouch for storage and cleaning



## 212002 Box BOY, SIR, BOSS, SEMPRAL

Contents: BOY, SIR, BOSS, SEMPRAL 12 D, 6 D



### 901002 BOY

10 D / 75x50 mm



### 902002 SIR

6 D / 100x50 mm



### 903002 BOSS

8 D / 100x75 mm



## ■ MODULAR TS

Stand magnifier with easily interchangeable open magnification heads available in different magnification powers.

- Adjustable head tilt for right or left-handed use
- Possibility to write under the low power lenses
- Aspheric lightweight lens
- Supplied with microfibre pouch for storage and cleaning



**183102 MODULAR TS basic unit**

Tilt stand without magnification head



**183302 MODULAR TS**

**190102** Head only

28 D / Ø 35 mm



**183402 MODULAR TS**

**191102** Head only

20 D / Ø 55 mm



**183502 MODULAR TS**

**192102** Head only

16 D / Ø 60 mm



**183602 MODULAR TS**

**193102** Head only

12 D / Ø 70 mm



**183802 MODULAR TS**

**196102** Head only

8 D / 100x75 mm



**183902 MODULAR TS**

**195102** Head only

6 D / Ø 100 mm

# Biconvex hand magnifiers

## ■ CLASSIC

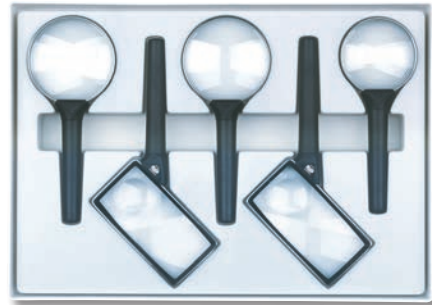
Reading magnifier with matt black round plastic handle and premium chrome-plated brass mount.

- Biconvex glass lens

## ■ BIFOCUS

Reading magnifier with matt black round plastic handle and premium chrome-plated brass mount.

- Biconvex glass lens and additional lens (Bifo)



### 210202 Box CLASSIC, BIFOCUS

Contents: CLASSIC 10 D, 2 x 6 D; BIFOCUS 2 x 4 D

## ■ ELEGANT

Reading magnifier with handle made from fine hardwood and premium chrome-plated brass mount.

- Biconvex glass lens



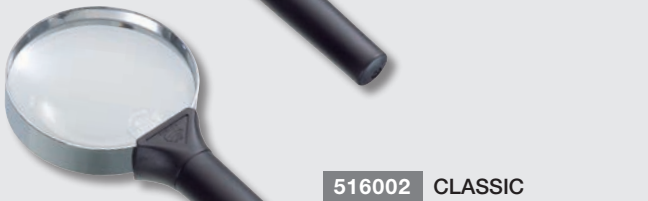
### 119632 Suitable soft case

Suitable for CLASSIC 12 D, 10 D, 6 D, 4 D; BIFOCUS 6 D; ELEGANT



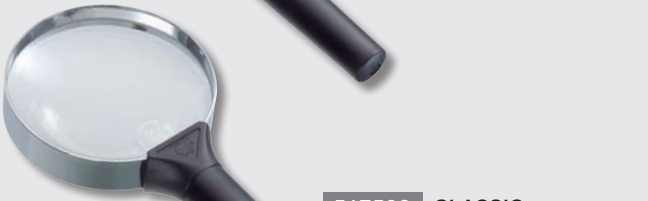
### 556502 CLASSIC

12 D / Ø 65 mm



### 516002 CLASSIC

10 D / Ø 65 mm



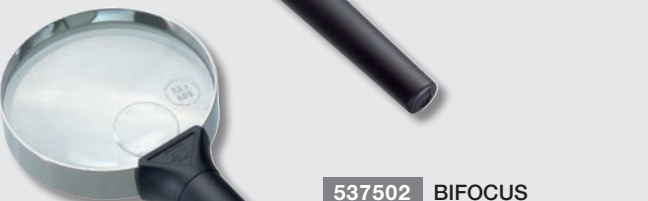
### 517502 CLASSIC

6 D / Ø 75 mm



### 519002 CLASSIC

4 D / Ø 90 mm



### 537502 BIFOCUS

6 D / Ø 75 mm

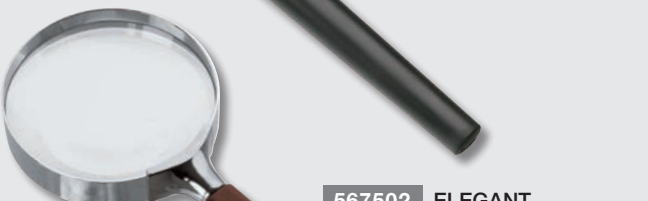
Bifo: 12 D / Ø 22.8 mm



### 531502 BIFOCUS

4 D / 100x50 mm

Bifo: 12 D / Ø 31.5 mm



### 567502 ELEGANT

6 D / Ø 75 mm

# Pocket magnifiers

## ■ ERGO-Pocket

Ergonomic pocket magnifier in a modern style.

- A single movement of the hand reveals the lens
- Convenient integrated lanyard loop
- Timeless colour combination of white and charcoal grey
- Aspheric lightweight lens



**180062** Box ERGO-Pocket

Contents: 1 each in 56 D, 48 D, 39 D; 2 each in 28 D, 16 D; 3 in 12 D; 5 lanyards

## ■ Folding magnifier

Classic pocket magnifier in an elegant design.

- Mount made from transparent plastic
- Housing made from strong grain leather
- Biconvex glass lens



**418342** Graphite black, 20 D / Ø 30 mm

**418312** Red, 20 D / Ø 30 mm



**ERGO-Pocket**

**181562** 56 D / Ø 35 mm

**181482** 48 D / Ø 35 mm

**181392** 39 D / Ø 35 mm

**181282** 28 D / Ø 35 mm

**181162** 16 D / Ø 35 mm

**181122** 12 D / Ø 35 mm

**180902** Pack of 5 lanyards

**180912** Pack of 5 wrist straps



**Folding magnifier**

**418642** Graphite black, 10 D / Ø 60 mm

**418612** Red, 10 D / Ø 60 mm

# Special magnifiers

## Visolett®

**930642** 1:1.8 / Ø 40 mm

**930662** 1:1.8 / Ø 65 mm

Circular magnifier with plastic rim

**930602** **Leather case**

with zipper, black,  
for Ø 65 mm Visolett®  
magnifier



**930652** **Visolett®**

Segment in tilted design  
1:1.8 / 25x65 mm

## Bright field magnifier

**930672** 1:1.8 / Ø 50 mm

**930682** 1:1.8 / Ø 65 mm

**930692** 1:1.8 / Ø 80 mm

**930702** 1:1.8 / Ø 95 mm

## Bright field magnifier with guiding line

**930762** 1:1.8 / Ø 50 mm

**930772** 1:1.8 / Ø 65 mm

**930782** 1:1.8 / Ø 80 mm

**930792** 1:1.8 / Ø 95 mm

## Reading bar

**432142** 2x, 145x20 mm / 165x20 mm

**433202** 1.5x, 210x25 mm / 250x32 mm  
Ruler (20 cm)

**432202** 1.5x, 200x35 mm / 220x35 mm  
Red guiding line

**432332** 1.5x, 330x35 mm / 350x35 mm  
Red guiding line

## ■ Visolett® magnifiers

Bright field magnifier made from glass with white plastic rim.

## ■ Bright field magnifiers

Bright field magnifier made from acrylic glass.

■ Concave bottom prevents scratching

■ Black cloth pouch included



## **930752** Box special magnifiers

Contents: Visolett® magnifiers Ø 40 mm, Ø 65 mm + case, segment 25x65 mm; bright field magnifiers Ø 50 mm, Ø 65 mm, Ø 80 mm, Ø 95 mm; reading bars 145x20 mm, 200x35 mm



## **930812** Trial box bright field magnifiers

Contents: Visolett® magnifier segment 25x65 mm; bright field magnifiers Ø 50 mm, Ø 65 mm, Ø 80 mm, Ø 95 mm; bright field magnifier with guiding line Ø 50 mm

## ■ Reading bars

Reading bar made from clear optical plastic.

■ Integrated handle recess

■ Vertical magnification

■ Supplied with microfibre pouch for storage and cleaning





## ■ Needlework magnifier

Ideal magnifier for needlework made from transparent acrylic.

- Adjustable neck cord
- Biconvex lightweight lens with higher power insert to see details more clearly



**794002** Needlework magnifier

4 D / Ø 110 mm with insert 14 D / Ø 30 mm

## ■ Table top magnifier with glass lens

- Cast base coated with black plastic Ø 130 mm
- 300 mm flexible metal gooseneck arm
- Aplanatic optical system in chrome-plated metal mount



**312652** Table top magnifier

10 D / Ø 65 mm

## ■ Table top magnifier with lightweight lens

- Cast base coated with black plastic Ø 130 mm
- 300 mm flexible metal gooseneck arm
- Aspheric lightweight lens in black plastic mount



**314002** Table top magnifier

8 D / 100x75 mm

## ■ LED illuminated table top magnifier

Versatile magnifier integrated in table top lamp for work, art, crafting, reading, hobbies and many other close-up activities.

- Solid table base ensures overall stability
- Flexible gooseneck arm allows for 3-dimensional positioning of the magnifier
- Durable and energy-efficient LED module provides perfect illumination of every object
- High-quality, scratch-resistant biconvex glass lens for clear images



Light temperatures

**2700 K** **4500 K** **6500 K**

LED illuminated table top magnifier

**296122** **296142** **296162**

4 D / Ø 120 mm

Spare LED module

**298022-1** **298042-1** **298062-1**

# Special magnifiers

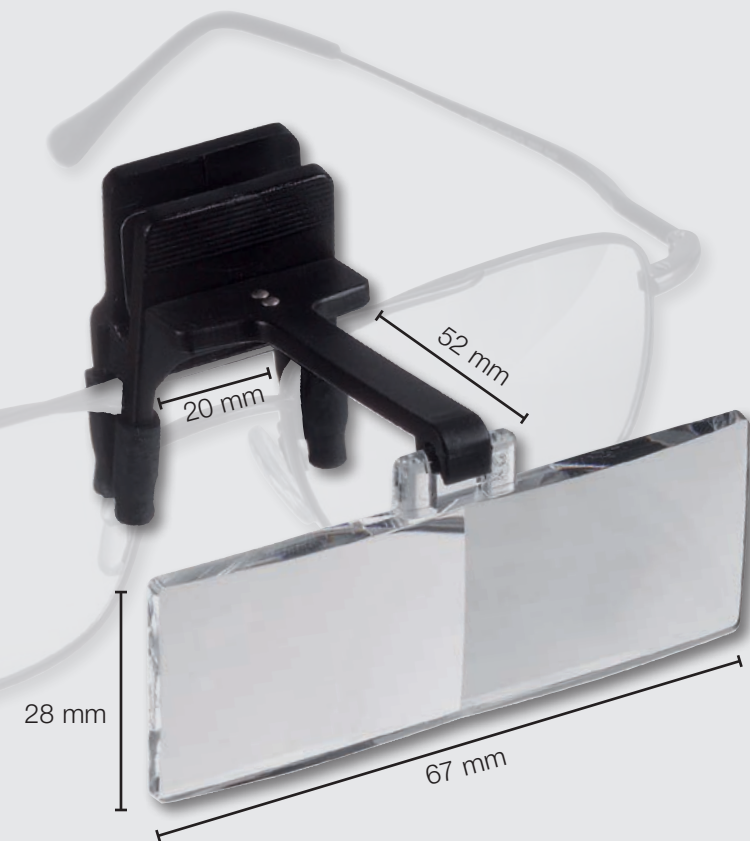


## RIDO-Clip with lens part

**934021** 3.0 D for working distance 250 mm

**934011** 5.5 D for working distance 180 mm

**934031** 7.0 D for working distance 125 mm



## ■ RIDO-Clip

- 2 joined lenses including prisms to support convergence
- Clips to the spectacles of the wearer
- 3 different magnification powers
- Hard coating
- Solid case included

In comparison with standard magnifiers, this clip-on magnifier has some advantages:

- Lightweight
- Wide field of view
- Base-in prisms improve eye convergence
- Simply clips onto spectacles for ease of use
- Allows hand-free activities



## **934001** RIDO-Clip set with all lens parts

Contents: Clip and one lens part each in 3.0 D, 5.5 D, 7.0 D

# Displays

## ■ SlimLine

Floor stand display to promote sales of SCHWEIZER magnifiers. Appealing product exhibition in a modern silver anodised finish. Fits in every ambience.

- Well-arranged and clear presentation of products
- Easy to handle
- Attractive teaser
- Flexible positioning, moves smoothly on 4 castors (lockable)
- Holds up to 8 boxes (includes 4 box holders, additional box holders available separately)
- Single package for convenient shipment

## ■ Universal Display

Black coated metal display with exchangeable A4-sized insert. Comes with 3 magnetic holders. Can also be used without holders to present other SCHWEIZER products.



**164052 Universal display**

Approx. size (WxHxD): 30.0x30.0x21.5 cm

**164052-1 Pack of 2 additional holders for universal display**



**500012 SlimLine**

Display in silver colour with 4 box holders  
Size (WxHxD): approx. 50x182x60 cm  
Boxes and products not included

**500022 Pack of 2 additional box holders for SlimLine**



In most cases, visually impaired people can improve their vision with traditional optical aids. In some situations, electronic solutions can be of further help. The video magnifiers featured in the SCHWEIZER eMag series provide additional options to improve vision around the home or on the go.



# 3

## Video magnifiers

**Please refer to  
[www.improvision-lvs.com](http://www.improvision-lvs.com)  
for detailed information  
on these products**



# 4



## LowVision lamps

One of the key elements of low vision solutions is the provision of special lighting to suit the patient's individual needs.

Multiple studies conducted with visually impaired people have shown that the provision of appropriate lighting can significantly improve visual acuity. An individually tested light temperature is more pleasant and improves visibility for reading or other close tasks noticeably. Optimised lighting can often significantly reduce the magnification power otherwise required.

The innovative MULTILIGHT Pro lamp series by SCHWEIZER has been developed with the user's needs in mind and is ideal for all visually impaired people.

**Made in Germany** not only stands for sophisticated technology and maximum durability thanks to selected materials, but also for an elegant design and intelligent functionality – produced locally in Forchheim/ Germany.

### Contents

MULTILIGHT Pro

40

2700 K 4500 K 6500 K Light temperatures



**MULTILIGHT Pro Table Akku 3in1**  
Rechargeable battery, 3 light temperatures

941103

Foot dimensions (WxDxH): approx. 13.5 x 17.5 x 12.0 cm  
Arm segment length (hinge-to-hinge): approx. 30 cm  
Weight: approx. 1.62 kg; charging cable 150 cm  
All 3 light temperatures individually selectable  
Lithium-ion battery

**MULTILIGHT Pro Table Akku**  
Rechargeable battery

941123 941143 941163

Foot dimensions (WxDxH): approx. 13.5 x 17.5 x 12.0 cm  
Arm segment length (hinge-to-hinge): approx. 30 cm  
Weight: approx. 1.62 kg; charging cable 150 cm  
Lithium-ion battery

**MULTILIGHT Pro Table**  
Mains operated

941023 941043 941063

Foot dimensions (WxDxH): approx. 13.5 x 17.5 x 12.0 cm  
Arm segment length (hinge-to-hinge): approx. 30 cm  
Weight: approx. 1.52 kg; power cord: 150 cm



**MULTILIGHT Pro Table XL**  
Mains operated, extended arm

942023 942043 942063

Foot dimensions (WxDxH): approx. 13.5 x 17.5 x 12.0 cm  
Arm segment length (hinge-to-hinge): approx. 30 cm  
Weight: approx. 3.65 kg; power cord: 150 cm

**MULTILIGHT Pro Table XL Clamp**  
Mains operated, extended arm, clamp

943023 943043 943063

Arm segment length (hinge-to-hinge): approx. 30 cm  
Maximum clamp opening: 5.3 cm  
Weight: approx. 1.2 kg; power cord: 150 cm

# LowVision lamps

## MULTILIGHT Pro

Designed for visually impaired people, the MULTILIGHT Pro LED lamp series features numerous innovative ideas.

- 7 different product versions for multiple applications
- Large central control panel in contrasting colour for easy one-touch operation
- Audible ON/OFF feedback
- Low energy consumption and high performance
- Available in 3 light temperatures (warm white – 2700 K, neutral white – 4500 K and cool white – 6500 K)
- Features the tried and tested LEDs of SCHWEIZER's illuminated magnifiers – no mixing of light temperatures!
- 2 brightness levels (100% and 70%)
- Lithium-ion battery with approx. 4-hour operating time and approx. 3-hour charging time
- Easy-to-recognise battery status
- Flexible positioning of lamp ensures optimal lighting while minimising glare
- Black matte surface prevents irritating reflections
- Robust plastic housing facilitates cleaning
- Maximum user comfort thanks to large locking levers
- Recessed connector socket and round barrel connector facilitate plug-in
- Made in Germany



Table lamp with rechargeable battery in one individual light temperature of choice



Table lamp mains operated in one individual light temperature of choice





## ■ MULTILIGHT Pro Table

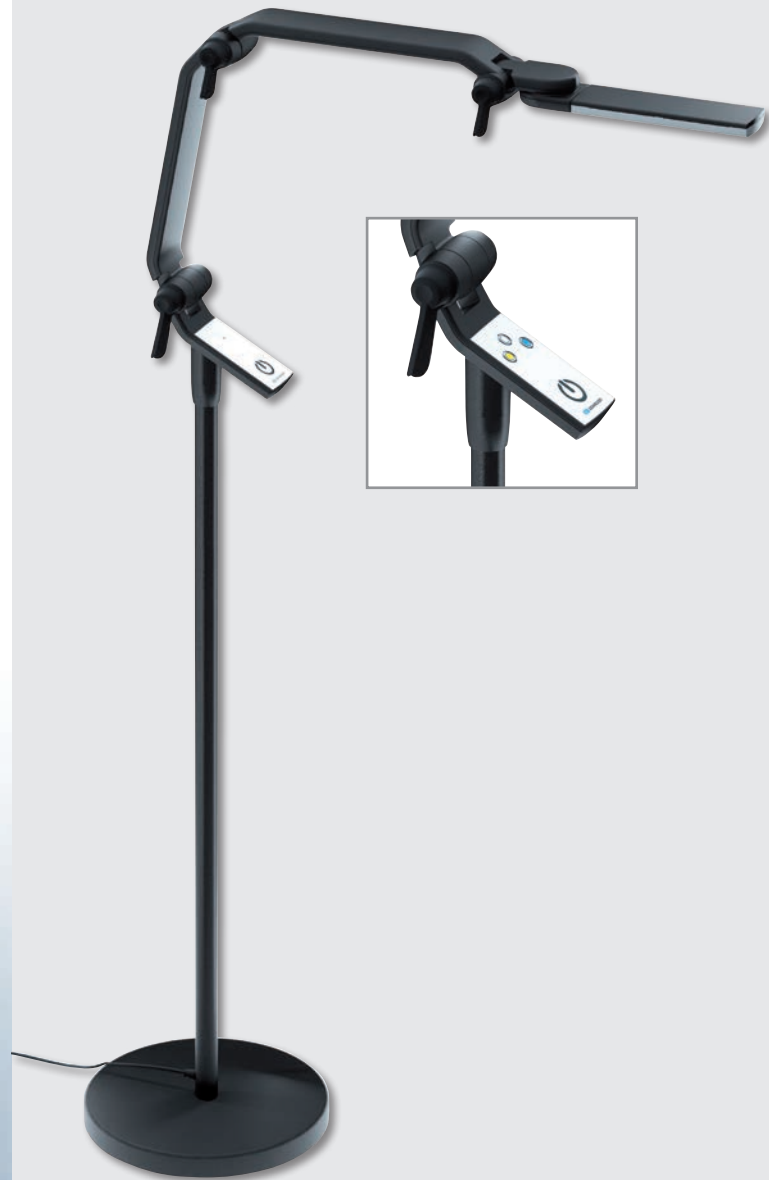
The table lamp is available in different versions: mains or battery (rechargeable) operated, in one or three light temperatures, with standard or extended arm, with foot or table clamp. The perfect lamp for every situation.

- Versatile in use thanks to long power cord for mains operation or with rechargeable battery
- Lamp head can be swivelled in any direction and even pulled right down to the table top
- Foldable design for space-saving storage; standard arm versions also ideal for mobile use

## ■ MULTILIGHT Pro Floor

Powerful floor lamp in slim design that stands rock solid.

- Available in one or three light temperatures
- Greater flexibility thanks to extended arm to position the light exactly where it is needed



### MULTILIGHT Pro Floor 3in1 Mains operated, 3 light temperatures

944003

Lamp pole height: approx. 96 cm; base Ø: approx. 28 cm  
 Arm segment length (hinge-to-hinge): approx. 30 cm  
 Weight: approx. 3.8 kg; power cord: 150 cm  
 All 3 light temperatures individually selectable

### MULTILIGHT Pro Floor Mains operated

944023 944043 944063

Lamp pole height: approx. 96 cm; base Ø: approx. 28 cm  
 Arm segment length (hinge-to-hinge): approx. 30 cm  
 Weight: approx. 3.8 kg; power cord: 150 cm



Table lamp with rechargeable battery and 3 light temperatures

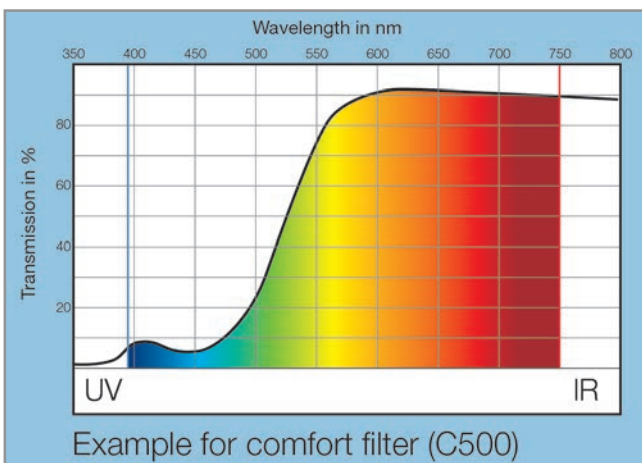
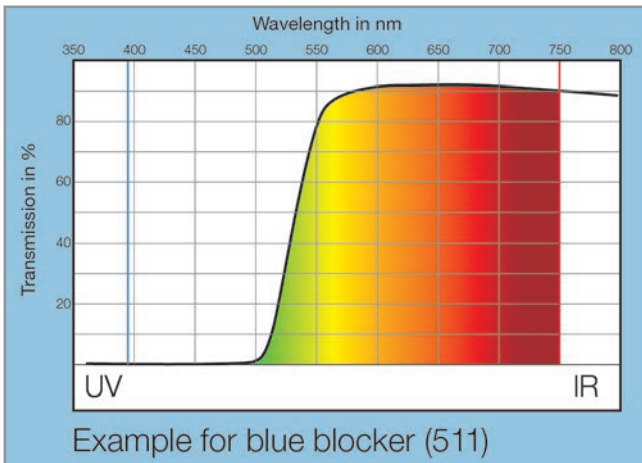




People with reduced visual acuity often also experience lower contrast sensitivity.

Decreased contrast sensitivity may arise from cloudy ocular media, retinal deposits, the loss of receptor cells or similar.

Special blue blocking or comfort filters provide help in this context and enhance the ability to see in contrast.



# 5

## Light protection spectacles

### Contents

Light protection spectacles  
with filter lenses

p. 44

# Light protection spectacles with filter lenses



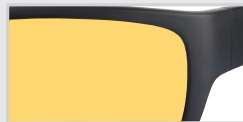
## IV PROSHIELD Wrap-Around

For use without corrective spectacles

## ■ IV PROSHIELD Wrap-Around

- Black matt PC polymer frame in size 61-17
- PC polymer filter lenses
- Frame size and filter number printed inside temple
- Supplied with cloth pouch
- Made in Sweden

**IV80240** C1  
Comfort filter in amber colour



**IV80241** 450  
Blue blocker in yellow colour



**IV80242** C500  
Comfort filter in light orange colour



**IV80243** 511  
Blue blocker in orange colour



**IV80244** C1 tinted  
Comfort filter in amber colour with 60% grey tint



**IV80245** 450 tinted  
Blue blocker in yellow colour with 60% grey tint



**IV80246** C500 tinted  
Comfort filter in light orange colour with 60% grey tint



**IV80247** 511 tinted  
Blue blocker in orange colour with 60% grey tint



## IVBOXWA Trial box IV PROSHIELD Wrap-Around

Contents: 1 each of IV PROSHIELD Wrap-Around, total 8 Wrap-Around spectacles

## IVBOX08 Trial box IV for 8 light protection spectacles

Contents: 8 IV PROSHIELD spectacles of your choice





## ■ IV PROSHIELD Fit-Over

- Black matt PC polymer frame in size 63-12
- Grey tinted PC polymer side windows
- PC polymer filter lenses
- Frame size and filter number printed inside temple
- Supplied with cloth pouch
- Made in Sweden

### IV80260 C1

Comfort filter in amber colour



### IV80261 450

Blue blocker in yellow colour



### IV80262 C500

Comfort filter in light orange colour



### IV80263 511

Blue blocker in orange colour



### IVDIS06 POS display IV for 6 light protection spectacles

Contents: 6 IV PROSHIELD spectacles of your choice

## IV PROSHIELD Fit-Over

For use over corrective spectacles

### IV80264 C1 tinted

Comfort filter in amber colour with 60% grey tint



### IV80265 450 tinted

Blue blocker in yellow colour with 60% grey tint



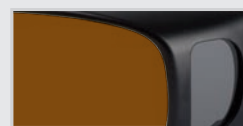
### IV80266 C500 tinted

Comfort filter in light orange colour with 60% grey tint



### IV80267 511 tinted

Blue blocker in orange colour with 60% grey tint



### IVBOXFO Trial box IV PROSHIELD Fit-Over

Contents: 1 each of IV PROSHIELD Fit-Over, total 8 Fit-Over spectacles

### IVBOX08 Trial box IV for 8 light protection spectacles

Contents: 8 IV PROSHIELD spectacles of your choice



# 6



Visually impaired people frequently express the desire to be able to watch TV and to read newspapers, bank statements, telephone directories or drug package inserts, for example.

Consequently, maintaining or restoring reading ability is essential when it comes to magnifying aids. Telescopic systems are a possible solution to this challenge, since they enable both near and distance viewing.

Telescopes with a magnification power of up to 6x can be mounted on a frame to create hands-free telescopic spectacles. For higher magnification strengths, hand-held monocular telescopes are also available.

## Telescopes

### Contents

<u>Galilean telescopes</u>	p. 48
<u>Keplerian telescopes</u>	p. 50
<u>Telescope frames</u>	p. 52
<u>Frame mounting of telescopes</u>	p. 54
<u>Monoculars</u>	p. 55

# Galilean telescopes



**937185 1.8x**  
Field of view 23°; 13 g



**937215 2.1x**  
Field of view 20°; 15 g



**937255 2.5x**  
Field of view 18°; 20 g



**937275 2.7x**  
Field of view 13°; 30 g



## Front caps

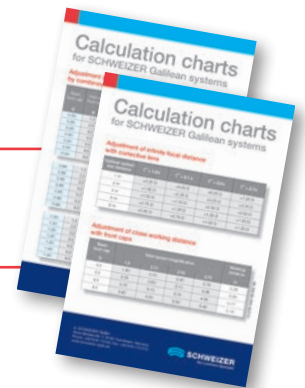
Basic	Add-on	
<b>938015</b>	<b>939015</b>	Empty housing (2 pieces)
<b>938005</b>	<b>939005</b>	matt
<b>938055</b>	<b>939055</b>	+0.5
<b>938065</b>	<b>939065</b>	+0.66
<b>938105</b>	<b>939105</b>	+1.0
<b>938155</b>	<b>939155</b>	+1.5
<b>938205</b>	<b>939205</b>	+2.0
<b>938305</b>	<b>939305</b>	+3.0
<b>938405</b>	<b>939405</b>	+4.0
<b>938505</b>	<b>939505</b>	+5.0
<b>938605</b>	<b>939605</b>	+6.0
<b>938805</b>	<b>939805</b>	+8.0
<b>938125</b>	<b>939125</b>	+12.0

Small and lightweight fixed focus Galilean telescope with multi-coated lenses in an aluminium housing.

- Two groups of computer-optimised lenses with multilayer AR coating
- Designed for mounting in a frame, lock ring included
- Ideal for SCHWEIZER telescope frames as shown on pages 52 – 53
- Factory-set to infinite focal distance; front caps for intermediate (e.g. TV) and close distances (e.g. reading) available
- Refractive errors can be corrected with a lens mounted on the system's ocular side (Ø 22 mm). Adjustment to the working distance possible with the same corrective lens
- Calculation of the required plus lens power for adjusting the focal distance by multiplying the system magnification by itself and dividing the result by the focal distance required in metres
- Binocular use for close working distances possible with special mounting lenses

## Download now

Calculation charts for SCHWEIZER Galilean systems at [www.improvision-lvs.com](http://www.improvision-lvs.com)



## ■ Front caps

Front caps for intermediate (e.g. TV) and close distances (e.g. reading).

- Basic front cap snaps into place with audible click for firm hold
- Optional Add-on front caps can be combined with Basic front caps to provide higher magnification and variable working distances. Add-on front caps flip up easily when not in use
- Combined use of Basic and Add-on front cap creates an aplanatic front cap without spherical aberrations
- Different working distances ranging from 200 to 4.17 cm can be combined
- Calculation of the working distance based on the system's pre-set infinite focal distance by dividing 1 by the D power of the front cap(s). The close distance magnification is the system magnification multiplied with one quarter of the D power of the front cap(s)



## ■ Binocular use

Mounting lens for binocular use with the relevant convergence.

- Mounting lens packed in pairs with mounting adapters for corrective lenses
- Mounting lens made from PMMA (Plexiglas®)



**937116** Case for telescopic spectacles



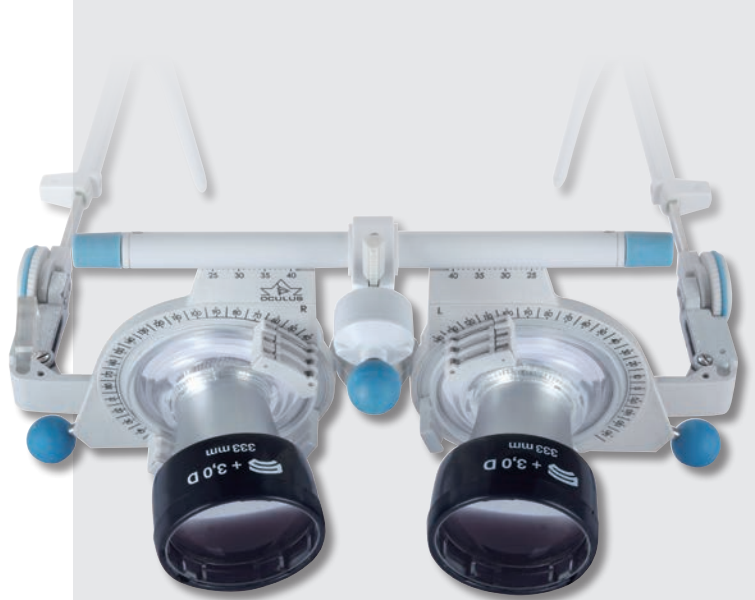
**931287** Trial box Galilei 1.8x

Contents: 2 pieces of 1.8x in adapter for trial frame;  
2 Basic front caps in +0.5 D;  
1 titanium telescope frame 935806;  
measuring tape;  
empty slots for additional Basic and Add-on front caps



**931067** Trial box Galilei 2.1x and 2.5x

Contents: 2 each in 2.1x and 2.5x in adapter for trial frame;  
Basic front caps 2 each in +0.5 D, +0.66 D, +1.0 D and  
1 each in +1.5 D, +2.0 D, +3.0 D, +4.0 D, +5.0 D,  
+6.0 D, +8.0 D;  
Add-on front caps 1 each in +4.0 D, +8.0 D



**Mounting lens  
with adapter for 15 mm corrective lens**

**933225** Binocular use for  
200 mm working distance, 2 pieces

**933255** Binocular use for  
250 mm working distance, 2 pieces

**933235** Binocular use for  
330 mm working distance, 2 pieces

**933265** Without convergence for  
reduced back vertex distance BVD, 2 pieces



**Convergence adapter for trial frame**

**933315** 200 mm; 5.0 D, 2 pieces

**933325** 250 mm; 4.0 D, 2 pieces

**933335** 330 mm; 3.0 D, 2 pieces

# Keplerian telescopes

Small and lightweight focusable Keplerian telescope.

- Multi-coated achromatic precision optics
- Focusable from infinity to near distance
- Designed for mounting in a frame, 2 lock rings included
- Optional adapter allows use of front caps of SCHWEIZER Galilean telescopes for intermediate and close working distances
- Ideal for SCHWEIZER telescope frames as shown on pages 52 – 53



## 931935 3x9

Distance magnification 3x  
Near magnification approx. 4.5x at 22 cm  
Field of view 12.5°, objective Ø 9 mm, 23 g  
Silver black metal housing



## 931945 4x10

Distance magnification 4x  
Near magnification approx. 5.5x at 22 cm  
Field of view 10.0°, objective Ø 10 mm, 25 g  
Silver black metal housing



## 931955 4x12

Distance magnification 4x  
Near magnification approx. 5.5x at 20 cm  
Field of view 12.5°, objective Ø 12 mm, 42 g  
Silver black metal housing

### Not shown:

## 932165 6x16

Distance magnification 6x  
Near magnification approx. 11.0x at 26 cm  
Field of view 10.0°, objective Ø 16 mm, 77 g  
Black metal housing



## 931077 Trial box Kepler

Contents: 1 each of 3x9, 4x10 and 4x12 in adapter for trial frame;  
1 focus stop ring each for 3x9, 4x10 and 4x12;  
1 adapter for Basic front caps suitable for 3x9, 4x10;  
1 empty slot for 6x16 monocular with finger ring (not included)

## ■ Application tip

SCHWEIZER Keplerian systems can be focused to different working or reading distances as required. Furthermore, they offer the following application options:

### ■ Application with focus stop ring

The eye care professional adjusts the telescope focus to the desired distance, e.g. for watching TV, and fastens the focus stop ring on the housing to act as a stopper.

For closer working distances, the visually impaired person can still turn the objective lens outwards until the image is crisp and clear. Turning the objective lens back until the stopper is reached, refocuses the telescope for the original application, such as watching TV.

### ■ Application with fixed focus

The eye care professional adjusts the telescope focus to the desired distance, e.g. for watching TV, and locks this setting using the locking screws in the housing. For close working distances, the front caps of SCHWEIZER Galilean telescopes can be used with an adapter.

It is recommended to use fixed focus systems for visually impaired people who lack the necessary fine motor skills.



Focus stop ring

**932525** Suitable for 3x9

**932555** Suitable for 4x10

**932505** Suitable for 4x12



**938025** Adapter for Basic front caps

Suitable for 3x9, 4x10

**932535** Adapter for Basic front caps

Suitable for 4x12



**937116** Case for telescopic spectacles



# Telescope frames

Only special telescope frames designed for a perfect anatomic fit ensure the ideal function and efficient use of telescopic spectacles.

## ■ Titanium telescope frames with variable saddle bridge system

- Material: 100% titanium, welded, hypoallergenic, solder-free, screws and saddle bridge insert made from stainless steel
- Weight: 16 g
- Temple: Golf temple 145 mm, easy to shorten, silicone-coated plastic temple ends, common sport temple ends mountable
- Adjustable saddle bridge, flat saddle bridge for reduced back vertex distance BVD included
- Meets the technical and medical requirements for listed aids of the compulsory health insurance in Germany
- Unisex: style and colouring suitable for men and women alike



**935736** Ice blue colour, matt  
Size 47-18-145

**935716** Ice blue colour, matt  
Size 50-18-145

**935726** Ice blue colour, matt  
Size 53-18-145



**935826** Titanium grey colour, matt  
Size 47-18-145

**935806** Titanium grey colour, matt  
Size 50-18-145

**935816** Titanium grey colour, matt  
Size 53-18-145

### Please note:

In most cases a large back vertex distance BVD is necessary for telescopic spectacles. SCHWEIZER telescope frames are designed accordingly. However, if needed, the BVD of the titanium telescope frames with variable saddle bridge systems can be reduced by 3 mm. For this purpose, a **flat saddle bridge** (included) can be mounted. This is a fast and easy way to react to different optical and anatomic conditions.



**937116** Case for telescopic spectacles

## ■ Titanium telescope frames

- Material: 100% titanium, welded, hypoallergenic, solder-free, screws and saddle bridge insert made from stainless steel
- Weight: female model 16 g and 17 g, male model 17 g and 18 g
- Temple: Golf temple 145 mm, easy to shorten, silicone-coated plastic temple ends, common sport temple ends mountable
- Adjustable saddle bridge
- Ideal for curved mounting lenses
- Meets the technical and medical requirements for listed aids of the compulsory health insurance in Germany
- Stylish female and male model



### **936076** Trial box telescope frames

Contents: 6 telescope frames of your choice



#### Female model

**935566** Titanium grey colour, matt  
Size 48-19-145

**935576** Titanium grey colour, matt  
Size 51-19-145

**935546** Lilac rosy colour, matt  
Size 48-19-145

**935556** Lilac rosy colour, matt  
Size 51-19-145



#### Male model

**935626** Titanium grey colour, pearlescent  
Size 50-19-145

**935636** Titanium grey colour, pearlescent  
Size 53-19-145

**935646** Night blue colour, matt  
Size 50-19-145

**935656** Night blue colour, matt  
Size 53-19-145





**936097** Box of mounting parts



**932545** Adapter Galilei for trial frame

Pack of 2 pieces



**932575** Adapter Kepler for trial frame

Pack of 2 pieces



**936087** Lock ring mounting tool

# Frame mounting of telescopes

## ■ Box of mounting parts

This box contains all mounting parts required for mounting a telescope in a frame: trial frame adapters, lock ring mounting tool, mounting lens with and without mounting hole made from CR39 (3 pieces each), set of washers, adapters for corrective lens, spare lock rings, penlight, titanium telescope frame.

## ■ Individual mounting parts

**932765** Mounting lens with mounting hole

3 mm thick, CR39, Ø 80 mm, pack of 2 pieces

**932865** Mounting lens without mounting hole

3 mm thick, CR39, Ø 80 mm, pack of 2 pieces

**932855** Mounting lens without mounting hole, frosted

3 mm thick, CR39, Ø 80 mm, 1 piece

**932715** Washer 0.5 mm thick

Pack of 6 pieces

**932725** Washer 1.0 mm thick

Pack of 6 pieces

**932735** Washer 2.0 mm thick

Pack of 6 pieces

**932745** Set of washers

6 pieces each of 0.5 mm, 1.0 mm and 2.0 mm thickness

**932775** Aluminium adapter for corrective lens (Ø 22 mm)

Pack of 2 pieces

**932785** Aluminium spare lock ring

Pack of 2 pieces

**936305** Penlight



# Monoculars

## ■ Hand-held Keplerian telescope

- Multi-coated achromatic precision optics
- Fold-down rubber eyecup for spectacle wearers to correct BVD
- Ideal for retaining individual mobility (ability to see street signs, train or bus schedules, price tags, etc.)
- Small and handy
- Focusable from infinity to near distance
- Soft case and neck cord included
- Use as a hand microscope with the acrylic stand, which can also be used separately as a 3x stand magnifier



Transparent acrylic stand

**933205** Suitable for 6x16, 8x20, 10x20

**933285** Suitable for 8x30, 10x30



Finger ring

**933775** Suitable for 3x9, 4x10, 4x12

**933215** Suitable for 6x16, 8x20

## ■ Extender

Multi-functional aid for mobile use. Comfortable viewing thanks to steady and brilliant image.

- Easy to use hand-held telescope (similar to a 2x fixed focus telescope) with a large depth of field
- Inverting the extender doubles the field of vision – ideal for tunnel vision and retinitis pigmentosa (RP)
- Textured grip ensures excellent feel
- Fold-down rubber eyecup for spectacle wearers to correct BVD
- Convenient lanyard loop (lanyard included)



**931965** Monocular 4x12

Distance magnification 4x, near magnification approx. 5.5x at 20 cm  
Field of view 12.5°, objective Ø 12 mm, 53 g  
Silver black metal housing



**931975** Monocular 6x16

Distance magnification 6x (20x with acrylic stand)  
Near magnification approx. 11.0x at 26 cm  
Field of view 10.0°, objective Ø 16 mm, 80 g  
Silver black metal housing



**931985** Monocular 8x20

Distance magnification 8x (25x with acrylic stand)  
Near magnification approx. 17.5x at 30 cm  
Field of view 7.0°, objective Ø 20 mm, 77 g  
Silver black metal housing

### Not shown:

**931995** Monocular 8x30

Distance magnification 8x (25x with acrylic stand)  
Near magnification approx. 13.5x at 60 cm  
Field of view 8.5°, objective Ø 30 mm, 159 g  
Black metal housing

**933025** Monocular 10x20

Distance magnification 10x (30x with acrylic stand)  
Near magnification approx. 18.5x at 27 cm  
Field of view 6.0°, objective Ø 20 mm, 84 g  
Black metal housing

**933035** Monocular 10x30

Distance magnification 10x (30x with acrylic stand)  
Near magnification approx. 15.0x at 70 cm  
Field of view 6.0°, objective Ø 30 mm, 172 g  
Black metal housing

**943225** Extender

Magnification 2x, field of view 34.0°  
Objective Ø 44 mm

**943315** Extender with AMD filter

Magnification 2x, field of view 34.0°  
Objective Ø 44 mm





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Assessment charts help eye care professionals systematically detect and treat vision disorders. These indispensable tools have been specifically designed for low vision assessment and are all supplied with quick start guides.

Reading stands holding books or newspapers enable visually impaired people to read in a comfortable and relaxed position.



# Miscellaneous

## Contents

Vision tests p. 58

Reading stands p. 59

# Vision tests



- SZB Bailey-Lovie chart set
- Set of 2 panels with logarithmic progression of optotypes
- 5 optotypes per visual acuity level
- Suitable for use at any viewing distance
- Panel 1 for measuring distance visual acuity at normal contrast
- Panel 2 for measuring distance visual acuity at low contrast
- Dimensions: 56x65 cm (WxH)

**938147** SZB Bailey-Lovie chart set

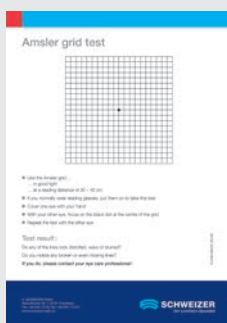
**938147-1** SZB Bailey-Lovie chart set

each panel divided into upper and lower half



**938157-EN** Near vision reading test set

to determine the magnification requirement for near vision including Amsler grid test



**938107-EN** Amsler grid test

## ■ Near vision reading test set

Up-to-date test in logarithmic layout according to DIN 58220 and ISO 8596. The test chart consists of unrelated sentences in different letter sizes. The notation below the smallest print the patient can still read fluently indicates the magnification required for reading newsprint. The Amsler grid test is included in the set.

## ■ Amsler grid test

The Amsler grid test for detecting and monitoring symptoms of macular degeneration is straightforward to administer. It comes printed on sturdy paper for ease of use.

# Reading stands

## ■ Standard reading stand

- Large surface with a size of 37.5 x 50 cm
- Solid and easy to use
- Designed not to slip on a table surface
- Inclination adjustable in multiple steps
- Natural wood

## ■ Economic reading stand

- Surface with a size of 32 x 28 cm and a fixed inclination of 23°
- White plastic
- Pack of 2 pieces



937206 Standard reading stand



937236 Economic reading stand



# Do you have questions ...

... about our products or do you need further information?

Please give us a call. We have just the specialist expertise you need!

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