

Valid as per July 2016

# Product solutions for Improved Vision



 **SCHWEIZER**  
Der LowVision-Spezialist

**ImproVision**  
LowVision Solutions

# ImproVision offers ...

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

Our highly specialised country distributors do not only import and store our products for fast delivery, but also receive regular and comprehensive training from our experts for improved vision. This network of national distributors is continuously being expanded for the benefit of local eye care professionals and their customers in a growing number of countries.

Eye care professionals can select the ideal product tailored to meet the particular needs and abilities of patients as well as their remaining visual acuity.

## 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)

ImproVision is a subsidiary of SCHWEIZER and services the company's global export activities.

SCHWEIZER – tradition stretching back to 1840. As one of the oldest owner-managed companies in the German ophthalmic optics sector, SCHWEIZER is a leading provider of low vision solutions. It is firmly established as "Der LowVision-Spezialist" and has an international reputation.

SCHWEIZER's tried and tested, user-friendly, pioneering products for improved vision are for cases where spectacles are no longer enough – they help people with impaired vision enjoy a better quality of life.

SCHWEIZER boasts Europe's largest range of specialist visual optical aids. All SCHWEIZER illuminated magnifiers and reading magnifiers are made in Germany. It is no coincidence that satisfaction among SCHWEIZER's customers is high. Many years of experience, certified expertise and the dedicated commitment of its employees have made SCHWEIZER an innovative company.

# Contents

SCHWEIZER's MODULAR magnifier range was the first in the world to offer a modular magnifier system with interchangeable magnification heads. In 2000, SCHWEIZER launched the ÖKOLUX, the world's first illuminated magnifiers with an LED light. Later, the company set new standards with its ergonomic magnifier series ERGO-Line.

SCHWEIZER passes on its professional expertise through a comprehensive range of training courses and seminars and, since 2014, through an online information platform and online seminars.

The Optik-Akademie provides training for eye care professionals in how best to fit and dispense magnifying visual aids.

SCHWEIZER will continue to expand its leading position in the arena of magnifying visual aids.



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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.



# 1

## High addition spectacles

### Contents

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# Prismatic half-eye spectacles

## ■ IV PRISMATIC

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
- Black matt PA polymer frame in size 43-25
- Frame size and power printed inside temple
- Supplied with protective case
- Made in the European Union



### IV PRISMATIC

<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



### IVBOXHA Trial box IV High Additions

Contents: 1 each of IV PRISMATIC/IV MICROSCOPIC, total 12 half-eye spectacles

### IVBOX12 Trial box IV for 12 half-eye spectacles

Contents: 12 IV PRISMATIC/IV MICROSCOPIC spectacles of your choice



# Microscopic half-eye spectacles

## ■ IV MICROSCOPIC

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
- Black matt PA polymer frame in size 43-25
- Frame size and power printed inside temple
- Supplied with protective case
- Made in the European Union



### IV MICROSCOPIC

<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



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

Contents: 6 IV PRISMATIC/IV MICROSCOPIC spectacles of your choice





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 maximise reading comfort. Patients achieve better visual acuity with good and appropriate lighting.



# 2

## Magnifiers

### Contents

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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 4-chip SMD LED and **Multi-Power** light option.

- 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
- Individually tested light temperatures improve reading performance
- Ergonomic design and soft-touch zone for extra grip strength and pleasant feel in timeless white/charcoal grey
- Low energy consumption and 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
- 3 AAA alkaline batteries required



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

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



**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): 27.5x28.0x 16.5 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): 27.5x28.0x 16.5 cm



**930008** **Sample case ERGO-Lux MP mobil**

Total weight with all products approx. 8 kg  
Case size approx. 58 x 48 x 15 cm  
Removable centre cover for ease of display at exhibitions  
Contents: 1 each of ERGO-Lux MP mobil in 4500 K, 12 D Ø 70 mm also in 2700 K and 6500 K

**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

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



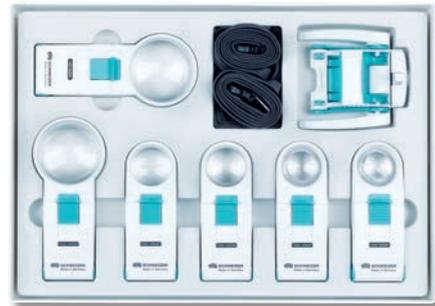
# LED illuminated hand magnifiers

■ ÖKOLUX plus mobil



Portable magnifier with 4-chip SMD LED.

- Very bright, consistent and high-contrast light through the special light emitting diode
- Individually tested light temperatures can reduce the magnification needed
- Low energy consumption and long battery life – easy battery replacement thanks to hinged battery box cover
- Convenient integrated lanyard loop
- Aspheric lightweight lens
- Supplied with microfibre pouch
- 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



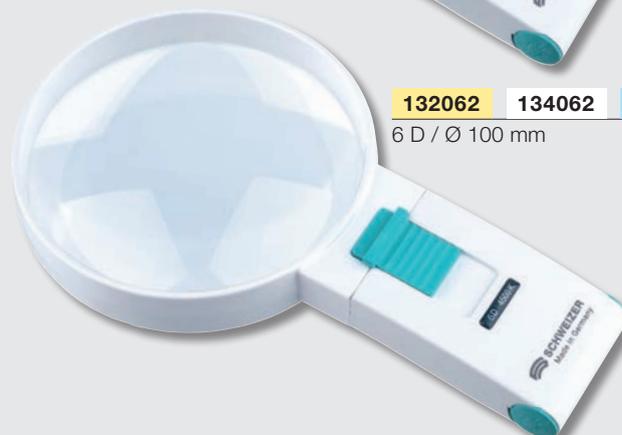
**132802** **134802** **136802**

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 4-chip SMD LED and Multi-Power light option.

- 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
- Individually tested light temperatures improve reading performance
- 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
- Low energy consumption and long battery life – easy battery replacement thanks to hinged battery box cover
- Aspheric lightweight lens
- Supplied with microfibre pouch
- 3 AAA alkaline batteries required



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-Base & ERGO-Lux MP

The ERGO-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-Base with all 5 fixed-focus holders

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



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



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



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



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



**178102** ERGO-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 4-chip SMD LED available in 3 light temperatures.

- Individually tested light temperatures can reduce the magnification needed
- 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
- Low energy consumption and long battery life – easy battery replacement thanks to hinged battery box cover
- Aspheric lightweight lens
- 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.



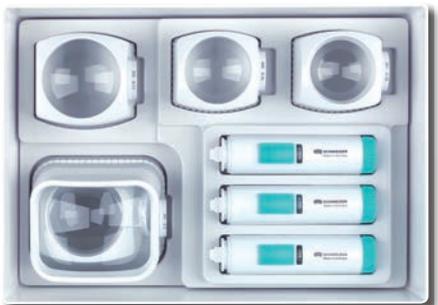
Handle ÖKOLUX plus

**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

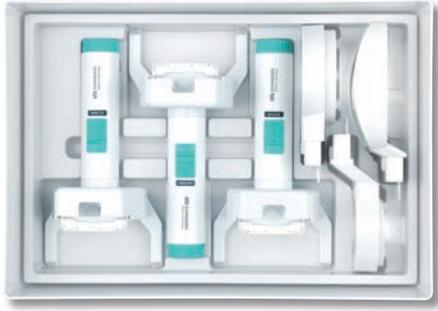
## MODULAR LED



Battery operated illuminated stand magnifier with three 4-chip SMD LEDs available in 3 light temperatures.

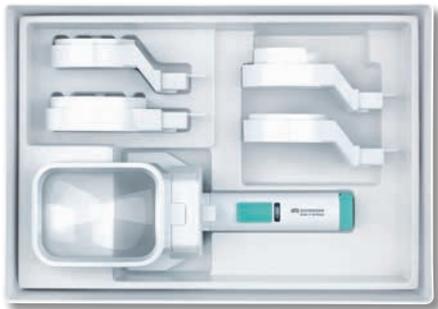
- Easily interchangeable open magnification heads, available in different magnification powers
- Possibility to write under the low power lenses
- Individually tested light temperatures can reduce the magnification needed
- Adjustable head tilt for right or left-handed use
- Very bright, consistent and high-contrast light through 3 precisely aligned special light emitting diodes
- Low energy consumption and long battery life – easy battery replacement thanks to hinged battery box cover
- Aspheric lightweight lenses
- 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



**Box MODULAR LED, TWIN-Lux LED**

**198122** **198142** **198162**

Contents: Heads 16 D, 12 D, 8 D and basic unit, battery operated TWIN-Lux LED

**155002** Pack of 3 AA alkaline batteries



**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

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

2700 K 4500 K 6500 K Light temperatures

# LED illuminated stand magnifiers

## ■ TWIN-Lux LED



Illuminated stand magnifier with three 4-chip SMD LEDs available in 3 light temperatures for battery or mains operation (only 230 V / 50 Hz with Euro plug).

- Offers the world's largest field of view at 4.4x magnification
- Individually tested light temperatures can reduce the magnification needed
- Comfortable reading posture through ergonomically tilted design
- Very bright, consistent and high-contrast light through 3 precisely aligned special light emitting diodes
- Low energy consumption and long battery life
- 2 aspheric lightweight lenses at an accurately computed distance
- 3 AA alkaline batteries required for battery operated version only



### Box MODULAR LED, TWIN-Lux LED

**198122** **198142** **198162**

Contents: Heads 16 D, 12 D, 8 D and basic unit, battery operated TWIN-Lux LED

**155002** Pack of 3 AA alkaline batteries

### TWIN-Lux LED

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

**916222** **916242** **916262**

Battery operation

**916022** **916042** **916062**

Mains operation

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

# Displays

## ■ SlimLine

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

- 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 for ERGO-Lux MP mobil. 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): ca. 50x182x60 cm  
Boxes and products not included

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

# Aspheric reading magnifiers

## ■ ERGO-Style

Ergonomic reading magnifier in a revolutionary 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

**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



These aspheric reading magnifiers are also available with LED illumination. For further information, please refer to page 14.



**179362** Box ERGO-Style

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

■ SEMPRAL



Classic reading magnifier in an elegant design.

- Convenient integrated lanyard loop
- Aspheric lightweight lens



**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



**883902** 39 D / Ø 35 mm



**883502** 28 D / Ø 35 mm



**885502** 20 D / Ø 55 mm



**886002** 16 D / Ø 60 mm



**887002** 12 D / Ø 70 mm



**889002** 8 D / Ø 85 mm



**881502** 6 D / 100x50 mm

# Aspheric reading magnifiers

## ■ FUNCTIONAL

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

- Loop in the handle for a lanyard or cord
- Aspheric lightweight lens



833902 39 D / Ø 35 mm



833502 28 D / Ø 35 mm



835502 20 D / Ø 55 mm



836002 16 D / Ø 60 mm



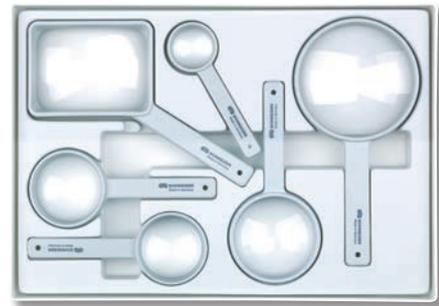
837002 12 D / Ø 70 mm



831702 8 D / 100x75 mm



831002 6 D / Ø 100 mm



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

# Biconvex reading 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



### Suitable leather case

119172 Black, suitable for CLASSIC 12 D, 10 D

119182 Black, suitable for CLASSIC 6 D; BIFOCUS 6 D

119192 Black, suitable for CLASSIC 4 D

119222 Black, suitable for BIFOCUS 4 D

119322 Brown, suitable for ELEGANT

### 119632 Suitable soft case

Suitable for CLASSIC 12 D, 10 D, 6 D, 4 D; BIFOCUS 6 D, 4 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: 16 D / Ø 20 mm



531502 BIFOCUS

4 D / 100x50 mm

Bifo: 12 D / Ø 30 mm



567502 ELEGANT

6 D / Ø 75 mm



**901002 BOY**

10 D / 75x50 mm



**902002 SIR**

6 D / 100x50 mm



**903002 BOSS**

8 D / 100x75 mm

# 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



## **212002** Box BOY, SIR, BOSS, SEMPRAL

Contents: BOY + case; SIR + case; BOSS + case; SEMPRAL 12 D, 6 D



### Suitable case

**119012** Suitable for BOY

**119022** Suitable for SIR

**119032** Suitable for BOSS

## ■ 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



**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



### ERGO-Pocket

**181562** 56 D / Ø 35 mm

Pack of 4 pieces

**181482** 48 D / Ø 35 mm

Pack of 4 pieces

**181392** 39 D / Ø 35 mm

Pack of 4 pieces

**181282** 28 D / Ø 35 mm

Pack of 4 pieces

**181162** 16 D / Ø 35 mm

Pack of 4 pieces

**181122** 12 D / Ø 35 mm

Pack of 4 pieces

**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

# Pocket magnifiers

## ERGO-Pocket

Ergonomic pocket magnifier in a revolutionary 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

# Special magnifiers

## ■ 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 140x20 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



### 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, 140x20 mm / 165x20 mm

**433202** 1.5x, 200x25 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



**312652** Working stand magnifier

10 D / Ø 65 mm



**314002** Working stand magnifier

8 D / 100x75 mm



**794002** Needlework magnifier

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

# Special magnifiers

## ■ Working stand 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

## ■ Working stand 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

## ■ 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

## ■ 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



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



**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





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

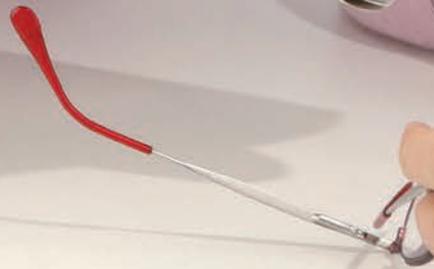
**Please refer to  
[www.improvision-lvs.com](http://www.improvision-lvs.com)  
for detailed information  
on these products**





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





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

Multiple studies conducted by Professor Hartmann from Munich/Germany with visually impaired people have shown that the provision of appropriate lighting can significantly improve visual acuity. An individually tested light temperature ensures comfortable and relaxed reading.

With optimised lighting, the magnification otherwise needed can be reduced.



# 4

## Lamps & reading stands

### Contents

LowVision lamps p. 38

Reading stands p. 41

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

# LowVision lamps



## ■ MULTILIGHT LED Floor

Floor lamp with 72 durable and energy-efficient SMD LEDs.

- Switch integrated in the lamp head
- Gooseneck allows for flexible, 3-dimensional positioning of lamp head
- Dimensions:
  - Base to gooseneck: 86 cm
  - Gooseneck: 43 cm
  - Lamp head: 29 cm
- 170 cm power cord with Euro plug for 100 – 240 V / 50 – 60 Hz

MULTILIGHT LED Floor

**937283** **937483** **937683**



## ■ MULTILIGHT LED Table

Table lamp with 42 durable and energy-efficient SMD LEDs.

- Solid table base included, optional table clamp available
- Convenient sensor switch integrated in the lamp body
- Lamp head can be adjusted 180° horizontally, 45° vertically and axially
- Height of lamp head adjustable from 40 cm up to 60 cm
- Maximum horizontal deflection 70 cm
- Footprint: 18 x 24 cm  
Weight: 1700 g
- Supplied with 150 cm transformer cable with Euro plug for 100 – 240 V / 50 – 60 Hz



MULTILIGHT LED Table

**936203** **936213** **936223**

### **936293** Table clamp

Solid table clamp which allows the MULTILIGHT LED Table to rotate, maximum table thickness of 60 mm

## ■ MULTILIGHT LED Akku

Folding task lamp with 48 durable and energy-efficient SMD LEDs.

- Adjustable height due to extendable head
- Designed to reduce glare and make reading easier
- Dimensions & weight:  
Footprint: 9 x 13.5 cm  
Height (maximum): 35 cm  
Weight: 1600 g
- Mains or battery (rechargeable) operated for greater flexibility
- Supplied with 190 cm transformer cable with Euro plug for 100 – 240 V / 50 – 60 Hz



MULTILIGHT LED Akku

**937223** **937423** **937623**



MULTILIGHT LED Mobil

937243 937443 937643

# LowVision lamps

## MULTILIGHT LED Mobil

Compact folding task lamp with 30 durable and energy-efficient SMD LEDs.

- Switches on and off automatically as the head is opened and closed
- Lightweight, requiring only little space
- Dimensions & weight:  
Footprint: Ø 8.2 cm  
Height: 26 cm  
Weight: 250 g
- Mains or battery operated; for battery operation 3 AAA alkaline batteries are required
- Supplied with carrying case and 150 cm transformer cable with Euro plug for 100 - 240 V / 50 - 60 Hz



MULTILIGHT LED Pocket

937263 937463 937663

## MULTILIGHT LED Pocket

Handy folding task lamp with 12 durable and energy-efficient SMD LEDs.

- Switches on and off automatically as the head is opened and closed
- Fits in every pocket, convenient built-in clip and integrated lanyard loop
- Dimensions & weight:  
Size: 5.9 x 8.4 cm  
Weight: 70 g
- Battery operation (3 AAA alkaline batteries required)



180902 Pack of 5 lanyards

180912 Pack of 5 wrist straps

156002 Pack of 3 AAA alkaline batteries

# Reading stands

## ■ MULTILIGHT LED reading stand

- Small footprint with a surface of 28 x 21 cm, extendable up to 38 x 33 cm
- Designed not to slip on a table surface
- Inclination adjustable in multiple steps
- Black plastic
- Illumination with 20 durable and energy-efficient SMD LEDs
- Mains or battery operated; for battery operation 3 AAA alkaline batteries are required
- Supplied with 150 cm transformer cable with Euro plug for 100 - 240 V / 50 - 60 Hz

## ■ Standard reading stand



- Large surface with a size of 40 x 50 cm
- 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

2700 K 4500 K 6500 K Light temperatures



MULTILIGHT LED reading stand

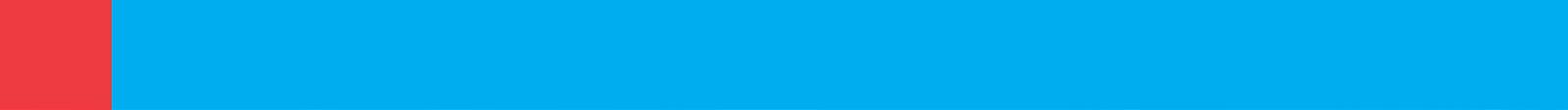
937297 937497 937697



937206 Standard reading stand



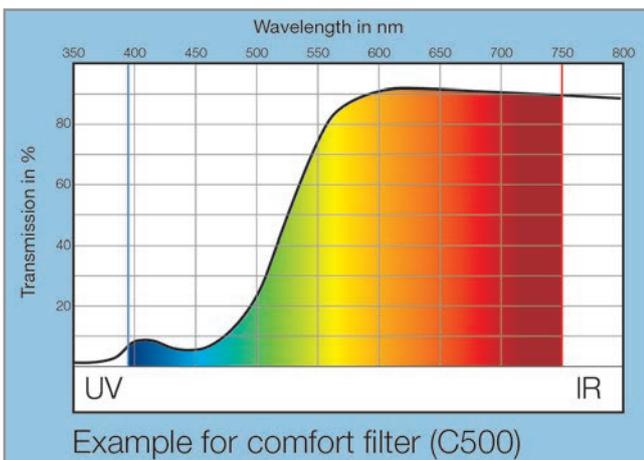
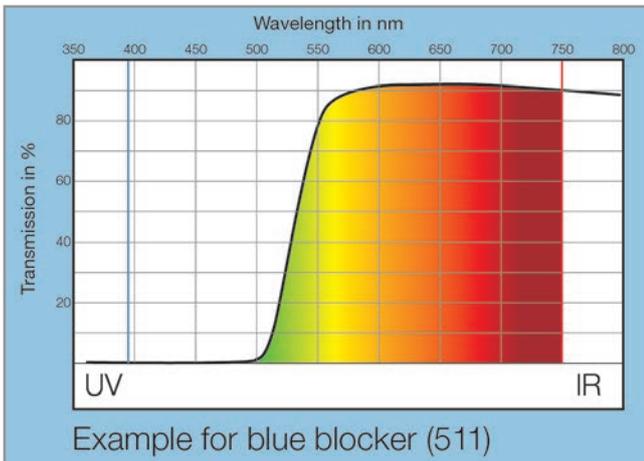
937236 Economic reading stand



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 the European Union

### IV80240 C1

Comfort filter in amber colour



### IV80244 C1 tinted

Comfort filter in amber colour with 60% grey tint



### IV80241 450

Blue blocker in yellow colour



### IV80245 450 tinted

Blue blocker in yellow colour with 60% grey tint



### IV80242 C500

Comfort filter in light orange colour



### IV80246 C500 tinted

Comfort filter in light orange colour with 60% grey tint



### IV80243 511

Blue blocker in orange colour



### 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 the European Union

### 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 – often elderly 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°; 18 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 material (Plexiglas®)



**937116** Case for telescopic spectacles



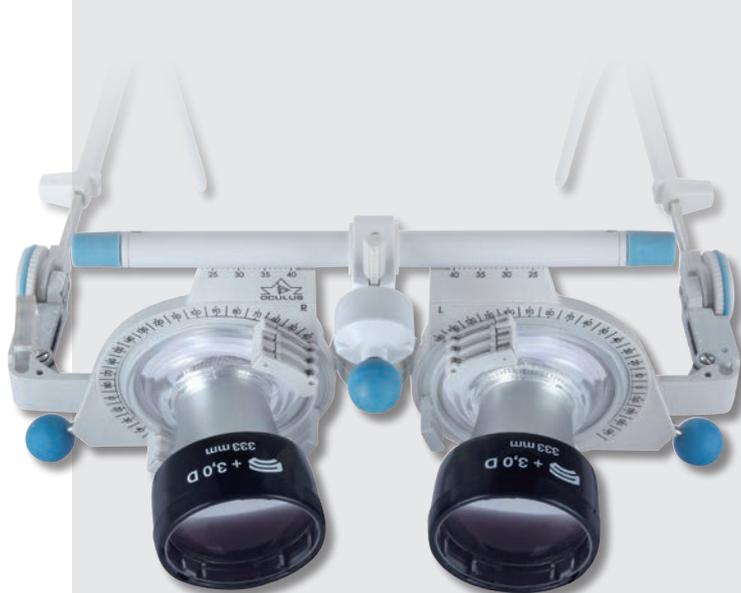
**931287** Trial box Galilei 1.8x

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 about 250 mm
- 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

Magnification 3x, field of view 12.5°, objective Ø 9 mm, silver black metal housing



## 931945 4x10

Magnification 4x, field of view 10.0°, objective Ø 10 mm, silver black metal housing



## 931955 4x12

Magnification 4x, field of view 12.5°, objective Ø 12 mm, silver black metal housing

## 932165 6x16

Magnification 6x, field of view 10.0°, objective Ø 16 mm, 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 about 250 mm
- 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

Magnification 4x, field of view 12.5°, objective Ø 12 mm, silver black metal housing



**931975** Monocular 6x16

Magnification 6x, with acrylic stand 20x, field of view 10.0°, objective Ø 16 mm, silver black metal housing



**931985** Monocular 8x20

Magnification 8x, with acrylic stand 25x, field of view 7.0°, objective Ø 20 mm, silver black metal housing

**931995** Monocular 8x30

Magnification 8x, with acrylic stand 25x, field of view 8.5°, objective Ø 30 mm, black metal housing

**933025** Monocular 10x20

Magnification 10x, with acrylic stand 30x, field of view 6.0°, objective Ø 20 mm, black metal housing

**933035** Monocular 10x30

Magnification 10x, with acrylic stand 30x, field of view 6.0°, objective Ø 30 mm, black metal housing



**943225** Extender

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



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.



# Professional tools

Contents

Vision tests

p. 58

# Vision tests

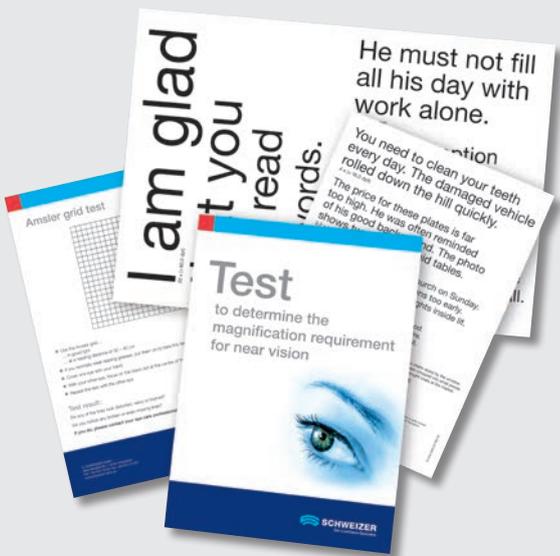


- SZB Bailey-Lovie chart set
- Set of 2 panels with logarithmic progression of optotypes
- 5 optotypes per visual acuity level
- Suitable for use at any viewing distance
- Panel 1 for measuring distance visual acuity at normal contrast
- Panel 2 for measuring distance visual acuity at low contrast
-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

**938147** SZB Bailey-Lovie chart set

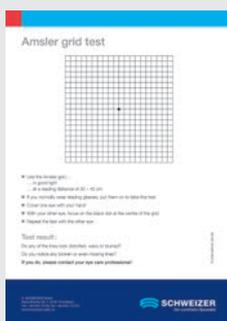
**938147-1** SZB Bailey-Lovie chart set

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.

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