

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

or

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.



Find us on
facebook

Your benefits

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



Uwe Hanschmann
Managing Partner of ImproVision

For almost 20 years, my goal has been to help our partners to be successful – not only for their own business benefit, but also for the benefit of those who need our products to improve their quality of life.

Uwe Hanschmann

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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

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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

IV80200 +3.00 D	IV80203 +6.00 D
IV80201 +4.00 D	IV80204 +7.00 D
IV80202 +5.00 D	IV80205 +8.00 D



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

IV80220	+ 12.00 D OD	IV80221	+ 12.00 D OS
IV80222	+ 16.00 D OD	IV80223	+ 16.00 D OS
IV80224	+ 20.00 D OD	IV80225	+ 20.00 D OS



IVDIS06 POS display IV for 6 half-eye spectacles

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



ERGO-Lux i mobil with
**wireless
charging**



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

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

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

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



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



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



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



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



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



152122 **154122** **156122**
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.

Suitable stand for this series coming soon!

- Power supply by induction – 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
- High contrast, even spread of light thanks to ideal adjustment of light intensity
- Individually tested light temperatures improve reading performance
- Low energy consumption
- Ergonomic design and soft-touch zone for extra grip strength and pleasant feel
- 17 different lenses with 11 powers, 3 light temperatures
- Rectangular magnifier heads for left- and right-handed use
- Aspheric lightweight lenses
- Order any of these magnifiers as a complete set including charging pad, USB cable and USB power adapter by adding -1 to the item no. (e.g. 152122-1)



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 **154112** **156112**

10 D / 75x50 mm, straight



152102 **154102** **156102**

10 D / 75x50 mm, right-handed



152142 **154142** **156142**

10 D / 75x50 mm, left-handed



152092 **154092** **156092**

8 D / Ø 85 mm



152082 **154082** **156082**

8 D / 100x75 mm, right-handed



152072 **154072** **156072**

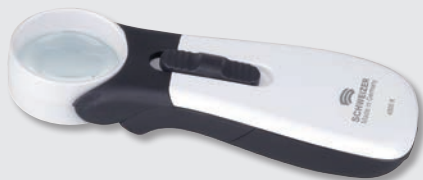
8 D / 100x75 mm, left-handed



152062 **154062** **156062**

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.

Suitable stand for this series coming soon!

- 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



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

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.

- 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



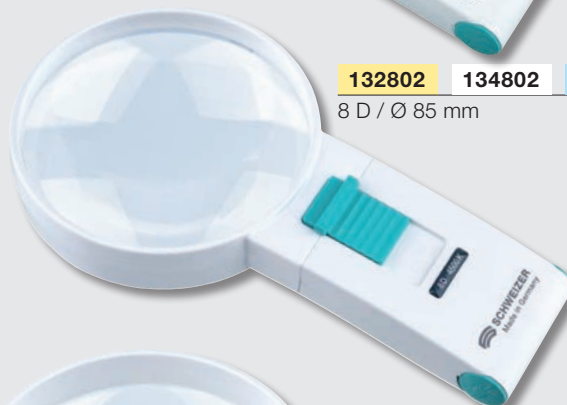
132102 **134102** **136102**

10 D / 75x50 mm, right-handed



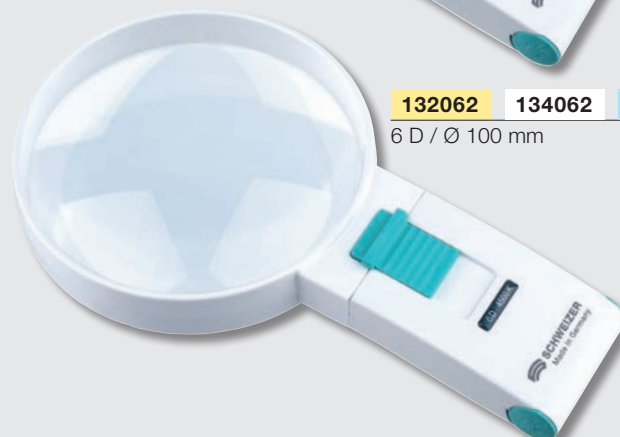
132802 **134802** **136802**

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 multi-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
- Order any of these magnifiers as a complete set including ERGO-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-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 multi-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.



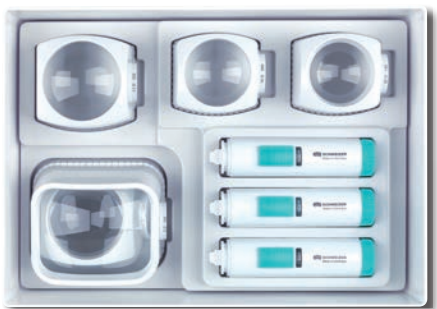
Handle ÖKOLUX plus

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

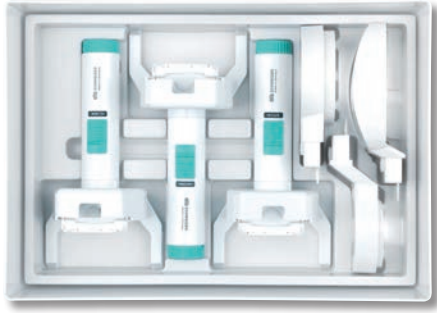
MODULAR LED



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

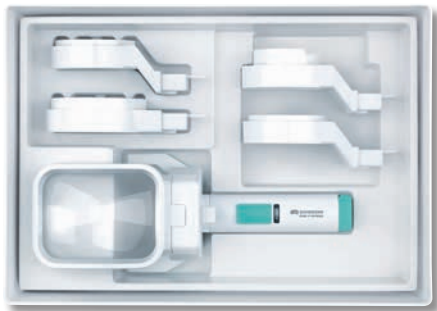
- Easily interchangeable open magnification heads, available in different magnification powers
- Possibility to write under the low power lenses
- Individually tested light temperatures can reduce the magnification needed
- Adjustable head tilt for right or left-handed use
- Very bright, consistent and 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

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



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

2700 K 4500 K 6500 K Light temperatures

LED illuminated stand magnifiers

■ TWIN-Lux LED



Illuminated stand magnifier with 3 multi-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.

Aspheric hand 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



These aspheric hand magnifiers are also available with LED illumination. For further information, please refer to page 16.



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

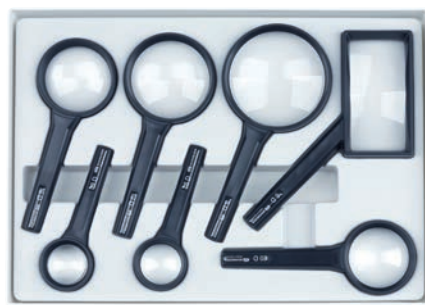
Aspheric hand magnifiers



■ SEMPRAL

Classic reading magnifier in an elegant design.

- Convenient integrated lanyard loop
- Aspheric lightweight lens



214002 Box SEMPRAL

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

180902 Pack of 5 lanyards



180912 Pack of 5 wrist straps



Suitable soft case

119602 Suitable for SEMPRAL 39 D, 28 D

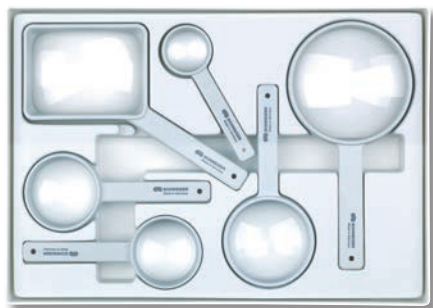
119622 Suitable for SEMPRAL 20 D, 16 D

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



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



901002 BOY

10 D / 75x50 mm



902002 SIR

6 D / 100x50 mm



903002 BOSS

8 D / 100x75 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



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

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



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

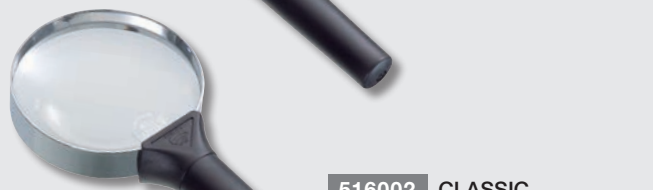
119632 Suitable soft case

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

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



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

2700 K 4500 K 6500 K Light temperatures



LED illuminated table top magnifier

298022 298042 298062

4 D / Ø 120 mm



312652 Table top magnifier

10 D / Ø 65 mm



314002 Table top magnifier

8 D / 100x75 mm



794002 Needlework magnifier

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

Special magnifiers

■ 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
- 48 durable and energy-efficient SMD LEDs provide perfect illumination of every object
- High-quality, scratch-resistant biconvex glass lens for clear images
- Power cord with switch and EU power plug or optional EU/US/UK/AU plug set

■ 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

■ 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

■ 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

■ 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

Special magnifiers

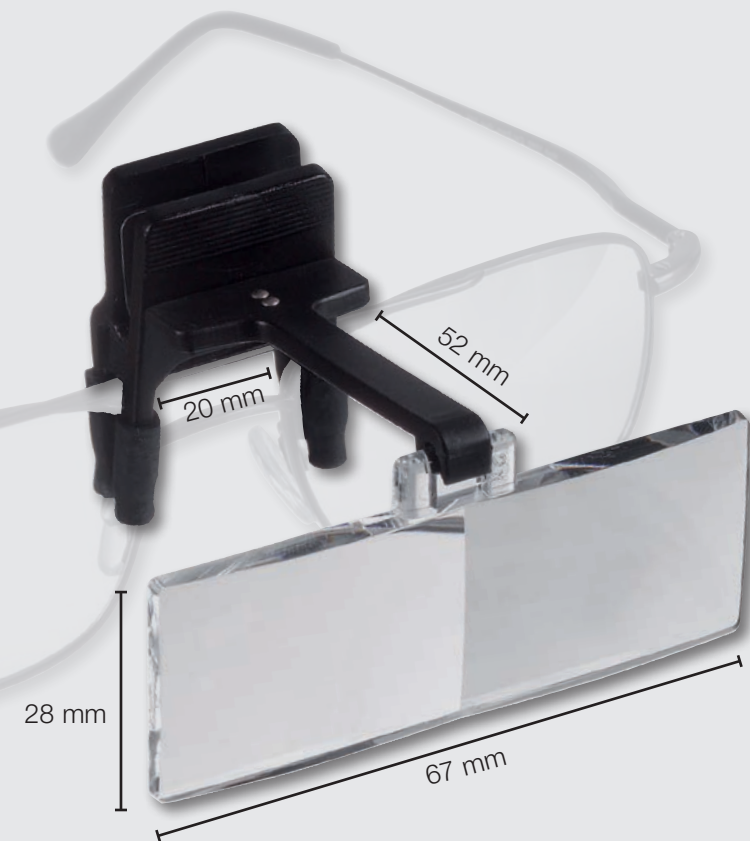


RIDO-Clip with lens part

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

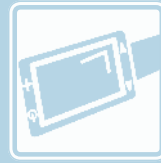
Size (WxHxD): ca. 50x182x60 cm

Boxes and products not included

500022 Pack of 2 additional box holders for SlimLine



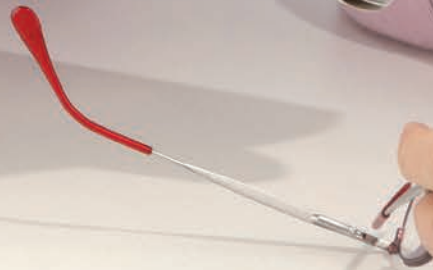
In most cases, visually impaired people can improve their vision with traditional optical aids. In some situations, electronic solutions can be of further help. The video magnifiers featured in the SCHWEIZER eMag series provide additional options to improve vision around the home or on the go.



3

Video magnifiers

**Please refer to
www.improvision-lvs.com
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



■ 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



937206 Standard reading stand

■ Economic reading stand

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



937236 Economic reading stand

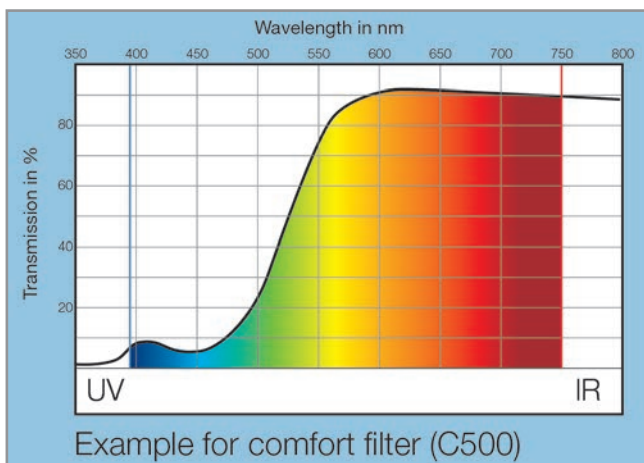
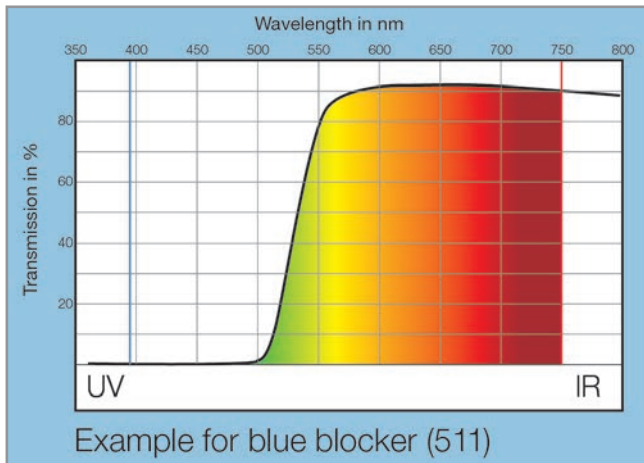




People with reduced visual acuity often also experience lower contrast sensitivity.

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



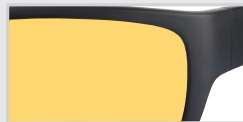
IV PROSHIELD Wrap-Around

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



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 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

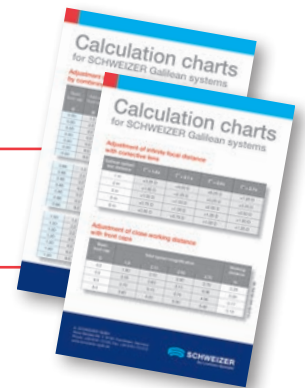
Basic	Add-on	
938015	939015	Empty housing (2 pieces)
938005	939005	matt
938055	939055	+0.5
938065	939065	+0.66
938105	939105	+1.0
938155	939155	+1.5
938205	939205	+2.0
938305	939305	+3.0
938405	939405	+4.0
938505	939505	+5.0
938605	939605	+6.0
938805	939805	+8.0
938125	939125	+12.0

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



■ 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



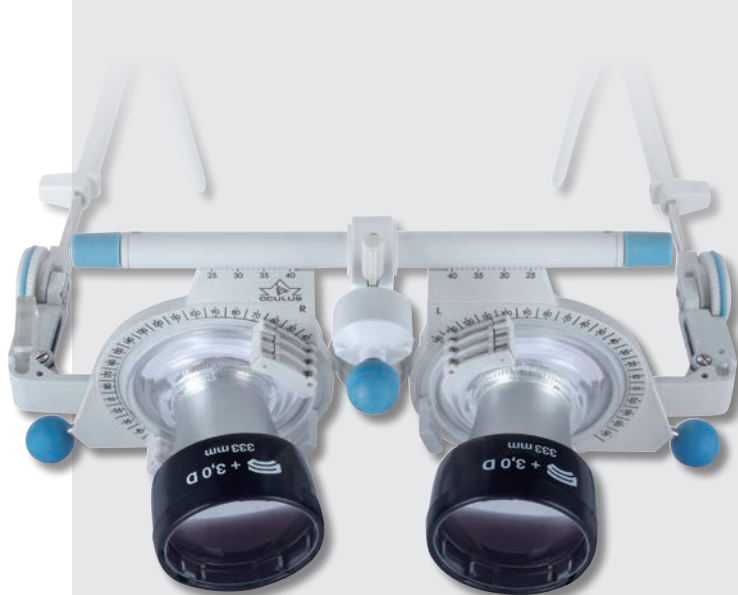
931287 Trial box Galilei 1.8x

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

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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

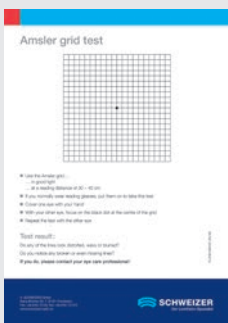
938147-1 SZB Bailey-Lovie chart set

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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