

Magnifiers Catalogue Industry & Trade



since 1991

PENTAGON

Întotdeauna Soluția Potrivită

Pentagon Ltd. is a company with wholly private capital, established in 1991, which promotes and sells high-performance products, as a representative and distributor of companies with a long history and tradition at national and international level.

We are a forward-thinking, flexible company with prudent development and a capable team of specialists to always offer complete technical solutions at a very good price / quality ratio.

Having a range of products with a wide range of uses in all branches of industry and construction, we had the possibility to collaborate with many companies in the country.

In order to keep you informed on the evolution and strategy of our company, we regularly participate in fairs and local and national exhibitions, we distribute catalogs and leaflets, we support an online promotion campaign and we support directly through area representatives.

We have the following trademarks:

“Pentagon Romania”, “PTG”, “Terentex”, “Întotdeauna Soluția Potrivită” and logo



Our company has implemented and applies the Quality Management System: ISO 9001-2015





1 Illuminated Hand Magnifiers

Innovative, extremely practical and up to date:

SCHWEIZER's illuminated hand magnifiers are the result of the company's unparalleled expertise in magnifying optics. Illuminated hand magnifiers are ideal for portable use in multiple applications.

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Tech-Line



**Tech-Line INDUCTION
illuminated hand magnifier**

Thanks to their innovative inductive charging technology, Tech-Line INDUCTION illuminated hand magnifiers meet the highest professional requirements. These magnifiers take advantage of the innovative Qi wireless standard for charging, thereby eliminating the need to replace batteries. The magnifier's boost option ensures superior illumination in a choice of 3 light temperatures (warm white – 2700 K, neutral white – 4500 K and cool white – 6500 K).

- Power supply by induction – uninterrupted, effective charging process for continuous operation
- 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
- Low energy consumption, approx. 7 hours uptime (boost mode), approx. 3 hours charge time (with magnifier fully depleted)
- Ergonomic design and soft-touch zone for extra grip strength and pleasant feel
- 5 lenses with different powers, in 3 light temperatures each
- All magnifiers also available without charging pad and power adapter (item no. without "1", e.g. 099222)
- Supplied with microfibre pouch for safe storage and cleaning
- Light temperatures: **2700 K** **4500 K** **6500 K**

Tech-Line INDUCTION illuminated hand magnifier

with charging pad and power adapter



- | | | | | | |
|---|-----------------|-----------------|---------------------------|-----------------|-----------------|
| 099222-1 | 099242-1 | 099262-1 | 099422-1 | 099442-1 | 099462-1 |
| 2x / 4x / Ø 70 / 22.8 mm, biconvex/bifo | | | 4 x / Ø 55 mm, biconvex | | |
| 099822-1 | 099842-1 | 099862-1 | 099122-1 | 099142-1 | 099162-1 |
| 8 x / Ø 30 mm, aplanatic | | | 10 x / Ø 30 mm, aplanatic | | |
| 099522-1 | 099542-1 | 099562-1 | | | |
| 15 x / Ø 22.8 mm, aplanatic | | | | | |

Accessories



- | | |
|---|----------------------|
| 150002 | Charging pad |
| approx. 70 x 70 mm with 1.5 m USB cable | |
| 150012 | Power adapter |
| for charging pad | |



Tech-Line

**Tech-Line CLASSIC
illuminated hand magnifier**

Portable illuminated magnifier with advanced light technology in an ergonomic design. Clear Multi-Power benefits: boost switch for superior illumination and choice of 3 light temperatures (warm white – 2700 K, neutral white – 4500 K and cool white – 6500 K).

- 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
- High-performance SMD LEDs ensure low energy consumption
- Ergonomic design and soft-touch zone for extra grip strength and pleasant feel
- 5 lenses with different powers, in 3 light temperatures each
- Requires 3 AAA batteries (included)
- Supplied with microfibre pouch for safe storage and cleaning
- Light temperatures: **2700 K** **4500 K** **6500 K**

Tech-Line CLASSIC illuminated hand magnifier



090222	090242	090262	090422	090442	090462
2x/4x / Ø 70/22.8 mm, biconvex/bifo			4x / Ø 55 mm, biconvex		
090822	090842	090862	091022	091042	091062
8x / Ø 30 mm, aplanatic			10x / Ø 30 mm, aplanatic		
091522	091542	091562			
15x / Ø22.8 mm, aplanatic					

Accessories



504052 **Cleaning and care set**
Cleaning liquid, microfibre cloth in handy box

Accessories



130012 **Microfibre pouch**
for magnifiers Ø 70 und smaller, pack of 10

156002 **Battery AAA**
Alkaline, pack of 3

Tech-Line



**Tech-Line MODULAR
illuminated hand magnifier**

Battery-operated illuminated hand magnifier with SMD LED in modular design with interchangeable magnification heads. Illuminated handle unit enables the use of different magnification powers.

Choice of 3 light temperatures (warm white – 2700 K, neutral white – 4500 K and cool white – 6500 K).

- Easily interchangeable magnification heads in different lens powers
- High contrast, even spread of light thanks to ideal adjustment of light intensity
- High-performance SMD LEDs ensure low energy consumption
- 5 lenses with different powers, in 3 light temperatures each
- Requires 3 AAA batteries (included)
- Supplied with microfibre pouch for safe storage and cleaning
- Light temperatures: **2700 K** **4500 K** **6500 K**



**Tech-Line MODULAR set of
illuminated hand magnifiers**

By combining interchangeable magnification heads and handles in different light temperatures, the Tech-Line MODULAR sets of illuminated hand magnifiers offer professional users everything they need for a comprehensive analysis.

Tech-Line MODULAR set of illuminated hand magnifiers



092802 094802 096802 Set 1

Contents: 1 handle + 3 magnification heads: 4x, 10x, 15x

094902 Set 2

Contents: 2 handles (4500 K + 6500 K)
+ 5 magnification heads: 2x, 4x, 8x, 10x, 15x

Tech-Line MODULAR illuminated hand magnifier



092022 094022 096022 092042 094042 096042

2x/4x / Ø 70/22.8 mm, biconvex/bifo

4 x / Ø 55 mm, biconvex

092082 094082 096082 092102 094102 096102

8 x / Ø 30 mm, aplanatic

10 x / Ø 30 mm, aplanatic

092152 094152 096152

15 x / Ø 22.8 mm, aplanatic

Extra handle Tech-Line MODULAR illuminated hand magnifier



092272 092452 092652

Tech-Line MODULAR magnification head



09222

2x/4x / Ø 70/22.8 mm

09224

4 x / Ø 55 mm

09228

8 x / Ø 30 mm

09230

10 x / Ø 30 mm

09235

15 x / Ø 22.8 mm

■ **Basic-Line**

**Basic-Line
illuminated hand magnifier**

Batteriebetriebene Handleuchtlupe Basic-Line mit leuchtstarker 5 mm-LED. Ideal für den mobilen und vielfältigen Einsatz.

- Clear illumination of the object viewed
- Aspheric plastic lenses
- Requires 3 AAA batteries (not included)

Basic-Line illuminated hand magnifier



09104

4 x / Ø 70 mm, aspheric

09106

6 x / Ø 55 mm, aspheric

09108

8 x / Ø 35 mm, aspheric

09110

10 x / Ø 35 mm, aspheric

09115

15 x / Ø 35 mm, aspheric

Accessories



504052 **Cleaning and care set**

Cleaning liquid, microfibre cloth in handy box

Accessories



130012 **Microfibre pouch**

for magnifiers Ø 70 und smaller, pack of 10

156002 **Battery AAA**

Alkaline, pack of 3



2

Hand Magnifiers/ Handle Magnifiers

The quality of the optics plays a significant role in the achieved visual performance. Premium silicate glass optics are a standard feature in all our Tech-Line hand and handle magnifiers. The aplanatic lens design ensures distortion-free vision.

Excellent imaging characteristics facilitate daily work and maximise optical performance.

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Tech-Line

Tech-Line hand magnifier

Equipped with an aplanatic lens system, the Tech-Line hand magnifier fulfils the highest optical demands! Made of silicate glass, the lenses are scratch resistant and distortion free, while providing an extended depth of field and high-contrast images. The black mount has a low-reflection surface. The handle is coated with a special 2-component finish and is thus resistant to hand perspiration and nearly all chemicals and solvents.

- Aplanatic silicate glass optics
- High-contrast images
- Robust and easy to clean
- High-quality, black-coated metal mount
- Supplied with microfibre pouch for safe storage and cleaning

Tech-Line hand magnifier



09802

2 x / 4 x / Ø 90/22.8 mm, aplanatic

09804

4 x / Ø 65 mm, aplanatic

Tech-Line handle magnifier

Handle magnifier in full-metal, solvent-resistant design.

- Aplanatic silicate glass optics
- High-contrast images
- Robust and easy to clean
- Supplied with microfibre pouch for safe storage and cleaning

Tech-Line handle magnifier



60128

8 x / Ø 22.8 mm, aplanatic

60121

10 x / Ø 22.8 mm, aplanatic

■ Basic-Line

**Basic-Line CLASSIC
hand magnifier**

Reading magnifier series with biconvex silicate glass lenses. Available with round or rectangular magnification head.

- Matt black, round plastic handle
- High-quality metal mount

Basic-Line CLASSIC hand magnifier



519002 2 x / Ø 90 mm, biconvex	517502 2,5 x / Ø 75 mm, biconvex
51100 2 x / Ø 100 mm, biconvex	516002 3,5 x / Ø 65 mm, biconvex
51150 2 x / 100x50 mm, biconvex	556502 4 x / Ø 65 mm, biconvex

**Basic-Line BIFOCUS
hand magnifier**

Reading magnifier series with biconvex silicate glass lenses and inserts (bifocal). Available with round or rectangular magnification head.

- Matt black, round plastic handle
- High-quality metal mount

Basic-Line BIFOCUS hand magnifier



531502 2x/4x / 100x50 / Ø 31,5 mm, biconvex, bifocal	537502 2,5 x/5x / Ø 75 /22.8 mm, biconvex, bifocal
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**Basic-Line FORTE
hand magnifier**

Reading magnifier series with biconvex silicate glass lenses.

- Angular handle in conical design made of matt black plastic
- High-quality metal mount

Basic-Line FORTE hand magnifier



55120 2 x / Ø 120 mm biconvex	55750 3,5 x / Ø 75 mm, biconvex
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3

Stand Magnifiers/ Measuring Magnifiers

Stand and measuring magnifiers are ideal tools for planar inspections. Equipped with an aplanatic lens system, SCHWEIZER's Tech-Line stand magnifier series fulfils the highest optical demands.

Be it for checking fine details on printed media and documents, analysing cracks or examining surfaces – they are perfect for a wide range of professional applications.

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Tech-Line



Tech-Line FIX-FOCUS stand magnifier

The FIX-FOCUS stand magnifier is ideal for planar inspections.

- Low-reflection, impact-resistant black lens mount
- High-quality aplanatic lens system for distortion-free viewing
- Transparent, impact-resistant housing facilitates insertion of reticle scales

Tech-Line VARIO-FOCUS stand magnifier

Design and features similar to Tech-Line FIX-FOCUS stand magnifier, additionally equipped with a focusable lens system.

Tech-Line dual-scale reticles

SCHWEIZER Tech-line dual-scale reticles for multiple application areas. Mounted in a black plastic rim, the reticle is positioned slightly above the object to prevent scratches.

- Robust, scratch-resistant glass carrier for high-quality, modern Tech-Line reticles
- Hard chrome scale applied to the back of the glass carrier eliminates parallax errors



Tech-Line FIX-FOCUS stand magnifier



09408

8 x / Ø 30 mm, aplanatic



09410

10 x / Ø 30 mm, aplanatic

Tech-Line VARIO-FOCUS stand magnifier



09508

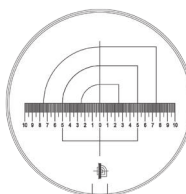
8 x / Ø 22.8 mm, aplanatic



09510

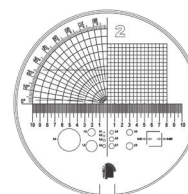
10 x / Ø 22.8 mm, aplanatic

Tech-Line dual-scale reticles



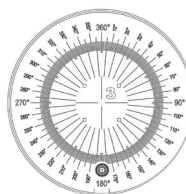
09450 Dual-scale 1

Ø 25 mm (standard scale)



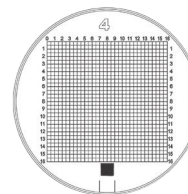
09460 Dual-scale 2

Ø 25 mm



09470 Dual-scale 3

Ø 25 mm



09480 Dual-scale 4

Ø 25 mm



09490 Dual-scale 5

Ø 25 mm



Tech-Line

Tech-Line VARIO-FOCUS set of stand magnifiers

SCHWEIZER VARIO-FOCUS stand magnifier combined with high-precision dual-scale reticles.

- Set 1 includes the frequently used Tech-Line 1 standard scale
- Set 2 includes all 5 Tech-Line dual-scale reticles
- Supplied in sturdy storage box

Tech-Line VARIO-FOCUS set of stand magnifiers



09580 Tech-Line VARIO-FOCUS stand magnifier set 1

Contents: 1 VARIO-FOCUS stand magnifier 8x with dual-scale 1; in sturdy metal box measuring approx. 18.3 x 6.5 x 8.0 cm (WxHxD)

09590 Tech-Line VARIO-FOCUS stand magnifier set 2

Contents: 1 VARIO-FOCUS stand magnifier 8x with dual-scale 1-5; in sturdy metal box measuring approx. 18.3 x 6.5 x 8.0 cm (WxHxD)

Tech-Line FIX-FOCUS / VARIO-FOCUS illumination unit

For use with stand magnifiers when ambient lighting is no longer sufficient.

- Housing with special 2-component coating, resistant to hand perspiration, many chemicals and solvents
- High-performance LED in 3 light temperatures (2700 K, 4500 K and 6000 K) for high-contrast images
- Light temperatures: **2700 K** **4500 K** **6500 K**

Tech-Line FIX-FOCUS / VARIO-FOCUS illumination unit



093272 **093452** **093652**

for FIX-FOCUS or VARIO-FOCUS stand magnifier

Tech-Line illuminated stand magnifier

Equipped with an aplanatic silicate glass lens system, the Tech-Line stand magnifier fulfils the highest optical demands.

- High-quality aplanatic lens system for distortion-free viewing
- Housing with special 2-component coating, resistant to hand perspiration, many chemicals and solvents
- High-performance LED in 3 light temperatures (2700 K, 4500 K and 6000 K) for high-contrast images
- Light temperatures: **2700 K** **4500 K** **6500 K**

Tech-Line illuminated stand magnifier



093242 **093442** **093642**

4 x / Ø 60 mm, biconvex

093282 **093482** **093682**

8 x / Ø 30 mm, aplanatic

093212 **093412** **093612**

10 x / Ø 30 mm, aplanatic

■ Tech-Line



Messlupe Tech-Line

Precision measuring magnifier in all-metal design with aplanatic silicate glass optics.

- Focus adjustable by sliding the eyepiece up and down
- Highly precise stainless steel scale
- 0.1 mm graduations
- High-quality aplanatic lens system for distortion-free viewing
- All-metal design

Tech-Line measuring magnifier



33400

6 x / Ø 22.8 mm, aplanatic,
20 mm scale

33401

8 x / Ø 22.8 mm, aplanatic,
10 mm scale

33402

10 x / Ø 22.8 mm, aplanatic,
10 mm scale

Accessories



504052 Cleaning and care set

Cleaning liquid, microfiber cloth in handy box

■ Basic-Line

Basic-Line stand magnifier

Stand magnifier for planar inspections.

- Plastic lenses

Basic-Line stand magnifier



32200

4 x / Ø 60 mm, aspheric

32300

10 x / Ø 30 mm, aplanatic

Basic-Line SCALE stand magnifier

Similar to Basic-Line stand magnifier, but with measuring scale.

- Plastic lenses
- Scale reading to 15 mm in 0.1 mm graduations

Basic-Line SCALE stand magnifier



33300

10 x / Ø 30 mm, aplanatic

Basic-Line FIXED STAND stand magnifier

Stand magnifier with aplanatic silicate glass optics and open base

- High-quality aplanatic lens system for distortion-free viewing
- Base and housing made of plastic
- Focus adjustable by turning the eyepiece

Basic-Line FIXED STAND stand magnifier



32900

8 x / Ø 22.8 mm, aplanatic



4 Linen Testers

For decades, SCHWEIZER has defined excellence in the manufacture of linen testers with the high level of vertical expertise at its location in Forchheim.

A quality difference you will notice, because our Tech-Line linen testers set the highest standards in terms of optical quality and longevity thanks to their silicate glass optics.

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Tech-Line

Tech-Line APLANATIC linen tester

SCHWEIZER sets the standard in this market: premium aplanatic optics, silicate glass lens and maximum robustness.

- High-quality aplanatic lens system for distortion-free viewing
- Dull chrome-plated brass
- Available with or without 10 mm scale
- 0.1 mm graduations

Tech-Line BICONVEX linen tester

High-grade SCHWEIZER Tech-Line quality combined with biconvex silicate glass lens.

- Biconvex optics
- Dull chrome-plated brass

Accessories: Black leather case suitable for all linen testers



35101

für 35100

35401

für 35400

35201

für 35200

35501

für 35500

35301

für 35300, 37300 und 37310

Tech-Line APLANATIC linen tester



37300 mit Skala

8 x / Ø 16.2 mm, aplanatic

37310 ohne Skala

8 x / Ø 16.2 mm, aplanatisch

Tech-Line BICONVEX linen tester



35500

5 x / Ø 31.5 mm, biconvex

35400

6 x / Ø 22.5 mm, biconvex

35300

8 x / Ø 17.5 mm, biconvex

35200

10 x / Ø 14.5 mm, biconvex

35100

12 x / Ø 12.5 mm, biconvex

Basic-Line

Basic-Line PLASTIC linen tester

Light plastic linen tester with biconvex lightweight lens.

- Biconvex plastic lens
- Black plastic

Basic-Line PLASTIC linen tester



05030

3 x / 6 x / Ø 45/13 mm, biconvex

05020

5 x / Ø 30 mm, biconvex

05010

6 x / Ø 20 mm, biconvex

05040

10 x / Ø 15 mm, biconvex



5 Watchmaker's Loupes

Watchmaker's loupes are ideal for processing and inspecting even extremely small test parts such as watches or pieces of jewellery. The optics used make the decisive difference!

SCHWEIZER leverages the quality of its Tech-Line series of watchmaker's loupes by using an aplanatic lens system that provides superior image sharpness. Made of silicate glass, the lenses are scratch resistant and distortion free, while providing an extended depth of field and high-contrast images.

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Tech-Line



Tech-Line watchmaker's loupe

SCHWEIZER's professional series offers decisive optical advantages for your daily work:

- High-quality aplanatic lens system for distortion-free viewing
- Housing with special 2-component coating, resistant to hand perspiration, many chemicals and solvents
- Housing with vent hole to prevent fogging on the inside
- Also available in practical set: 4 Tech-Line watchmaker's loupes combined in a sturdy plastic box

Tech-Line watchmaker's loupe



09706

6 x / Ø 22,8 mm, aplanatisch

09708

8 x / Ø 22,8 mm, aplanatisch

09710

10 x / Ø 22,8 mm, aplanatisch

09715

15 x / Ø 16,2 mm, aplanatisch

Tech-Line set of watchmaker's loupes



09790

Contents: 4 Tech-Line watchmaker's loupes 6x, 8x, 10x, 15x in a sturdy plastic box measuring approx. 18.3 x 6.5 x 8.0 cm (WxHxD)

■ Basic-Line

Basic-Line GLASS watchmaker's loupe

Featuring a clear design, our Basic-Line watchmaker's loupe offers reliable optics.

- Biconvex silicate glass lens
- Black, low-glare plastic housing
- Housing with vent hole to prevent fogging on the inside

Basic-Line PLASTIC watchmaker's loupe

Watchmaker's loupe in all plastic design.

- Biconvex plastic lens
- Black, low-glare plastic housing

Basic-Line GLASS watchmaker's loupe



20030 3 x / Ø 25 mm, biconvex	20240 4 x / Ø 30 mm, biconvex
20040 4 x / Ø 25 mm, biconvex	20050 5 x / Ø 25 mm, biconvex
20250 5 x / Ø 30 mm, biconvex	20070 7 x / Ø 25 mm, biconvex
20270 7 x / Ø 30 mm, biconvex	20010 10 x / Ø 25 mm, biconvex
20210 10 x / Ø 30 mm, biconvex	

Basic-Line PLASTIC watchmaker's loupe



07170 5 x / Ø 28 mm, biconvex	07171 7 x / Ø 28 mm, biconvex
07172 9 x / Ø 28 mm, biconvex	



6

Folding Magnifiers/ Pocket Magnifiers

Folding and pocket magnifiers have always been practical and sturdy optical aids for professional applications and everyday use.

High-grade silicate lenses are the hallmark of SCHWEIZER's folding and pocket magnifiers.

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■ Tech-Line



**Tech-Line
precision folding magnifier**

Pure innovation: first magnifier with intuitive single-hand operation. Thanks to its intelligent design and low weight, the magnifier fits well in the hand and promotes a steady grip – a clear advantage at higher magnification levels when working with only one free hand.

- Silicate glass lenses, unsurpassed sharpness, robust and easy to clean
- High-quality aplanatic lens system for distortion-free viewing
- Biconvex lenses for item no. 53350 and item no. 53550
- Housing with special 2-component coating, resistant to hand perspiration, many chemicals and solvents
- Intelligent design reveals the lens in a single hand movement
- Also available in practical set: 4 Tech-Line folding magnifiers combined in a sturdy plastic box



Tech-Line precision folding magnifier



53350 3 x+3 x+3 x / Ø 38 mm, , inkl. Lanyard	53550 3 x+5 x / Ø 38 mm, biconvex, inkl. Lanyard
09606 6 x / Ø 22.8 mm, aplanatic	09608 8 x / Ø 22.8 mm, aplanatic
09610 10 x / Ø 22.8 mm, aplanatic	09615 15 x / Ø 22.8 mm, aplanatic
09620 20 x / Ø 16,2 mm, aplanatic	

Tech-Line precision folding magnifier set



09690

Contents: 4 Tech-Line precision folding magnifiers 6x, 10x, 15x, 20x in sturdy plastic box measuring approx. 18.3 x 6.5 x 8.0 cm (WxHxD)

Accessories



180902 Pack of 5 lanyards

Charcoal-grey

■ Basic-Line

**Basic-Line STAINLESS STEEL
folding magnifier**

Featuring a clear design, our Basic-Line folding magnifier series offers reliable optics:

- Silicate glass lenses, unsurpassed sharpness, robust and easy to clean
- Sturdy stainless steel housing



Basic-Line STAINLESS STEEL folding magnifier

★QUALITY★
MADE IN GERMANY
★QUALITY★

53300	53100
3 x+3 x+3 x / Ø 30 mm, biconvex	3 x / Ø 30 mm, biconvex
54600	53700
4 x+6 x / Ø 30 mm, biconvex	7 x / Ø 30 mm, biconvex

Basic-Line STAINLESS STEEL folding magnifier

★QUALITY★
MADE IN GERMANY
★QUALITY★

55526	55528
6 x / Ø 22.8 mm, aplanatic	8 x / Ø 22.8 mm, aplanatic
55823	55521
10 x/6 x / Ø 22.8 mm, aplanatic	10 x / Ø 22.8 mm, aplanatic
55522	55525
12 x / Ø 22.8 mm, aplanatic	15 x / Ø 22.8 mm, aplanatic

■ Basic-Line

Basic-Line PLASTIC folding magnifier

In angular or round design:

- Silicate glass lenses, unsurpassed sharpness, robust and easy to clean
- Black, low-glare plastic housing

Basic-Line PLASTIC folding magnifier round



55060

6 x / Ø 22.8 mm, aplanatic

55080

8 x / Ø 22.8 mm, aplanatic

55010

10 x / Ø 22.8 mm, aplanatic

55012

12 x / Ø 22.8 mm, aplanatic

Basic-Line PLASTIC folding magnifier angular



55226

3 x+3x / Ø 22.8 mm,
planoconvex

55228

3 x+5x / Ø 22.8 mm,
planoconvex

55221

4 x+6x / Ø 22.8 mm,
planoconvex

55222

5 x+7x / Ø 22.8 mm,
planoconvex

55223

7 x+8x / Ø 22.8 mm,
planoconvex

55214

10 x+10x / Ø 16,2 mm,
planoconvex

Accessories



55520 Matching carrying case

Suitable for all folding magnifiers up to Ø 22.8 mm.
Material: black leather

■ Basic-Line

**Basic-Line ECONOMIC
pocket magnifier**

Handy pocket magnifier with high-grade optics and biconvex silicate glass lens.

- Biconvex silicate glass lens
- Mount made from transparent plastic
- Protective case made from strong grain leather
- In angular or round design



Basic-Line ECONOMIC pocket magnifier round



418642
3,5 x / Ø 60 mm, graphite black

418612
3,5 x / Ø 60 mm, red

418342
5 x / Ø 30 mm, graphite black

418312
5 x / Ø 30 mm, red

Accessories



504052 **Cleaning and care set**
Cleaning liquid, microfibre cloth in handy box

Basic-Line ECONOMIC pocket magnifier angular



40064
3,5 x / Ø 60 mm, graphite black



7 Headband Magnifiers / Spectacle Binoculars / Clip-on Magnifiers

SCHWEIZER's Tech-Line headband magnifiers with metal-framed silicate glass lenses and powerful LED lighting offer maximum flexibility in the workplace.

Our Tech-Line Galilean systems – with headband or as spectacle binoculars for better vision at work: brilliant, clear images, individual adjustment and extremely lightweight.

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Tech-Line

Tech-Line BINO LED headband magnifier

SCHWEIZER's Tech-Line headband magnifiers with metal-framed interchangeable silicate glass lenses and powerful LED lighting offer maximum flexibility in the workplace.

- Highly robust metal design, black coated, low-reflection surface
- Tilttable LED unit (light temperature 6000 K) to adjust illumination
- May be worn over spectacles

Tech-Line BINO LED headband magnifier



25500

without interchangeable lens unit, batteries included

Interchangeable lens unit for Tech-Line BINO LED

- Flip-up interchangeable lens carrier for different magnifications: 1.85 x to 3.5 x
- Interchangeable lenses are resistant to scratching and nearly all chemicals and solvents
- Metal-framed interchangeable silicate glass lenses
- Extended depth of field

Interchangeable lens unit for Tech-Line BINO LED



25710 1,85x

25715 2x

25720 2,5x

25725 2,75x

25730 3x

25735 3,5x

Tech-Line BINO LED set of headband magnifiers

- Combination of Tech-Line BINO LED headband magnifier and various interchangeable lens carriers
- Tilttable LED unit to adjust illumination

Tech-Line BINO LED set of headband magnifiers



09900 Tech-Line BINO LED headband magnifier set 1

Contents: 1 Tech-Line BINO LED headband magnifier with batteries and 3 interchangeable lens units 2x, 2.5x, 3x; in sturdy plastic case measuring approx. 26 x 21 x 7.8 cm (WxHxD)

09910 Tech-Line BINO LED headband magnifier set 2

Contents: 1 Tech-Line BINO LED headband magnifier with batteries and 6 interchangeable lens units 1.85x, 2x, 2.5x, 2.75x, 3x, 3.5x; in sturdy plastic case measuring approx. 26 x 21 x 7.8 cm (WxHxD)



Tech-Line

**Tech-Line GALILEAN
headband magnifier**

For better vision at work. In addition to offering brilliant, clear images, it can be individually adjusted and is also extremely lightweight.

- Excellent optics due to multi-coated, scratch-resistant lenses for consistently crisp and clear images
- Precise, individual adjustment of both eyepieces to the relevant pupillary distance
- Highly comfortable, padded headband, adjustable to individual head size
- 2 models: for 340 or 450 working distance



**Tech-Line GALILEAN
spectacle binoculars**

Spectacle binoculars with tight, yet comfortable fit for viewing the fine detail in every operation.

- Excellent optics due to multi-coated, scratch-resistant lenses for consistently crisp and clear images
- Precise, individual adjustment of both eyepieces to the relevant pupillary distance
- Extremely lightweight and comfortable
- Elastic cable temples ensure a perfect fit around every head
- 2 models: for 340 or 450 working distance



Technical data	Tech-Line GALILEAN spectacle binoculars 340 mm	Tech-Line GALILEAN spectacle binoculars 450 mm
Magnification	2,25 x	2,25 x
Working distance	340 mm	450 mm
Field of view	110 mm	130 mm
Depth of field	120 mm	190 mm

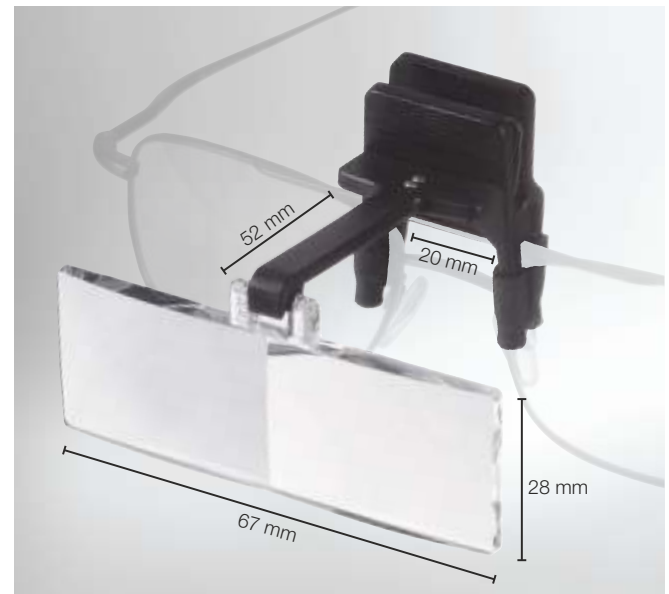
Refractive error	Tech-Line GALILEAN spectacle binoculars 340 mm	Tech-Line GALILEAN spectacle binoculars 450 mm
+2,00	440 mm	670 mm
+1,00	390 mm	560 mm
0,00	340 mm	450 mm
-1,00	300 mm	420 mm
-2,00	270 mm	370 mm

■ Basic-Line

Basic-Line RIDO-CLIP clip-on magnifier

The binocular RIDO-CLIP is an easy-to-use visual aid that is simply clipped onto the spectacles of the user.

- 2 joined lenses with convergence supporting prisms
- Clips to the spectacles of the wearer
- Available in 1.75, 2.35 and 2.75 magnification power
- Hard coating
- Item no. 934011, 934021, 934031 supplied in solid box



Clip-on magnifier advantages:

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

Basic-Line RIDO-CLIP clip-on magnifier



934021 1.75 x / 3,0 D
for 250 mm working distance
RIDO-CLIP with 1 lens part

934011 2.35 x / 5,5 D
for 180 mm working distance
RIDO-CLIP with 1 lens part

934031 2.75 x / 7,0 D
for 125 mm working distance
RIDO-CLIP with 1 lens part

Basic-Line RIDO-CLIP set



934001 RIDO-CLIP set with all lens parts in a box

1.75 x / 3,0 D / for 250 mm working distance
2.35 x / 5,5 D / for 180 mm working distance
2.75 x / 7,0 D / for 125 mm working distance

■ Basic-Line

Basic-Line ILLUMINATED headband magnifier

The Basic-Line headband magnifier provides a very cost-effective alternative.

- Plastic lenses
- Individually adjustable head strap with hook and loop fasteners
- Additional flip lens increases magnification
- Lights attached to both sides
- Requires 4 AAA batteries (not included)



Basic-Line ILLUMINATED headband magnifier



07221 Kopfbandlupe Basic-Line BELEUCHTET
with lighting and additional flip lens

Basic-Line headband magnifier

Basic version of a headband magnifier. For those who need no extras.

- Plastic lenses
- Individually adjustable head strap with hook and loop fasteners

Basic-Line headband magnifier



07220

Accessories

156002 Battery AAA
Alkaline, pack of 3



8

Magnifier Lamps / Table Top Magnifiers

Our popular Tech Line magnifier lamps have been further upgraded, now featuring state-of-the-art LED lighting.

They are available in a choice of three light temperatures and can thus be individually adjusted to the relevant test object. Tech-Line magnifier lamps feature the largest semi-rimless silicate glass lenses (202 mm diameter), ensuring a high depth of field.

Contents

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Tech-Line



Tech-Line LED
magnifier lamp

Our Tech-Line series features scratch-resistant glass lenses open to the front, which allows for a very comfortable work posture. Unlike versions with ring lighting, the field of view is not limited by the rim of the magnification head. Peripheral orientation is also no problem since it is easy to see past the lens.

- High-contrast, scratch-resistant silicate glass optics with high depth of field, available in lens diameters of 120 mm and 202 mm
- High-performance SMD LEDs provide bright, high-contrast illumination of the working area at minimal energy consumption
- Choice of 3 light temperatures (warm white – 2700 K, neutral white – 4500 K and cool white – 6500 K)
- 2-piece coated aluminium arm with, adjustable plastic joints and a spring balancing mechanism (action radius of approx. 1 m)
- Angled LED lighting in the 202 mm diameter model creates modelling shadows making it easier, for example, to identify scratches or cracks on surface structures
- Lenses optionally available with or without bifocal optics
- With table clamp
- Light temperatures: **2700 K** **4500 K** **6500 K**

Tech-Line LED magnifier lamp



- | | | | | | |
|---|---------------|---------------|-----------------------------------|---------------|---------------|
| 292722 | 292742 | 292762 | 292922 | 292942 | 292962 |
| 1.75x / 4x / Ø 202/40 mm,
planoconvex, bifocal | | | 1.75 x / Ø 202 mm,
planoconvex | | |

Tech-Line LED magnifier lamp



- | | | | | | |
|--|---------------|---------------|-----------------------------|---------------|---------------|
| 292822 | 292842 | 292862 | 292622 | 292642 | 292662 |
| 2 x / 3x / Ø 120/31,5 mm,
biconvex, bifocal | | | 2 x / Ø 120 mm,
biconvex | | |



Tech-Line

Tech-Line STAND LED magnifier lamp

Tech-Line magnifier lamp with solid base stand.

- High-contrast, scratch-resistant silicate glass optics with high depth of field
- High-performance SMD LEDs provide bright, high-contrast illumination of the working area at minimal energy consumption
- Choice of 3 light temperatures (warm white – 2700 K, neutral white – 4500 K and cool white – 6500 K)
- Gooseneck arm and base stand
- Light temperatures: **2700 K** **4500 K** **6500 K**

Tech-Line STAND LED magnifier lamp



298222 **298242** **298262** **298122** **298142** **298162**

2x/3x / Ø 120/31.5 mm,
biconvex, bifocal

2 x / Ø 120 mm,
biconvex

Accessories



504052 **Cleaning and care set**

Cleaning liquid, microfibre cloth in handy box

Accessories

298022-1298042-1298062-1 **Spare 6 W LED bulbs**

for all Tech-Line magnifier lamps

■ Basic-Line

Basic-Line GOOSENECK magnifier lamp

The magnifier lamps in our Basic-Line series are sure to impress with an extremely favourable price/performance ratio and are also highly flexible to facilitate installation.

- Bifocal plastic lens with protective cover
- Gooseneck arm and base stand
- 12 W / 220 V energy-efficient bulb
- Cool white light

Basic-Line SWING ARM magnifier lamp

- Biconvex glass lens
- Flexible stand construction, solid table base
- 22 W / 220 V ring lighting
- Cool white light

Basic-Line magnifier lamp

- Biconvex glass lens
- Versatile stand construction, optionally with table clamp or castor base
- 22 W / 220 V ring lighting
- Cool white light

Accessories

07212-1 12 W spare energy-efficient bulb
for Basic-Line GOOSENECK magnifier lamp

07214-1 22 W spare energy-efficient ring lighting
for Basic-Line magnifier lamp and Basic-Line SWING ARM magnifier lamp

Basic-Line GOOSENECK magnifier lamp



07212

3 x/5 x / Ø 85/20 mm, 12 W

Basic-Line SWING ARM magnifier lamp



07214

2 x / Ø 125 mm, 22 W

Basic-Line magnifier lamp



07210 with table clamp

2 x / Ø 125 mm, 22 W



■ Tech-Line

Tech-Line table top magnifier

For professional use in the workplace: precision stand magnifier with innovative aplanatic bifocal optics (for Ø 90 mm)

- Silicate glass lenses, unsurpassed sharpness, robust and easy to clean
- High-quality aplanatic lens system for distortion-free viewing
- 300 mm flexible metal gooseneck arm
- Table base: die-cast, solid base coated with black plastic
- Easy conversion from table base to table clamp
- Metal, black coated table clamp

Tech-Line table top magnifier



31502 with table base 2 x/4 x / Ø 90/22.8 mm, aplanatic, bifocal	31503 with table clamp 2 x/4 x / Ø 90/22.8 mm, aplanatic, bifocal
31504 with table base 4 x / Ø 65 mm, aplanatic	31505 with table clamp 4 x / Ø 65 mm, aplanatic

Accessories



504052 Cleaning and care set Cleaning liquid, microfibre cloth in handy box

■ Basic-Line

**Basic-Line GLASS
table top magnifier**

Versatile table top magnifier with round optics and gooseneck arm, optionally available with table base or table clamp.

- Biconvex glass lens
- Excellent imaging quality
- Circular metal rim
- Optionally available with table base or table clamp

Basic-Line GLASS table top magnifier



MADE IN GERMANY

31012 with table base 2 x / Ø 120 mm, biconvex	31013 with table clamp 2 x / Ø 120 mm, biconvex
31090 with table base 2,5 x / Ø 90 mm, biconvex	31091 with table clamp 2,5 x / Ø 90 mm, biconvex
31075 with table base 3 x / Ø 75 mm, biconvex	31076 mit Tischklemme 3 x / Ø 75 mm, biconvex

**Basic-Line PLASTIC
table top magnifier**

Versatile table top magnifier with round optics and gooseneck arm, optionally available with table base or table clamp.

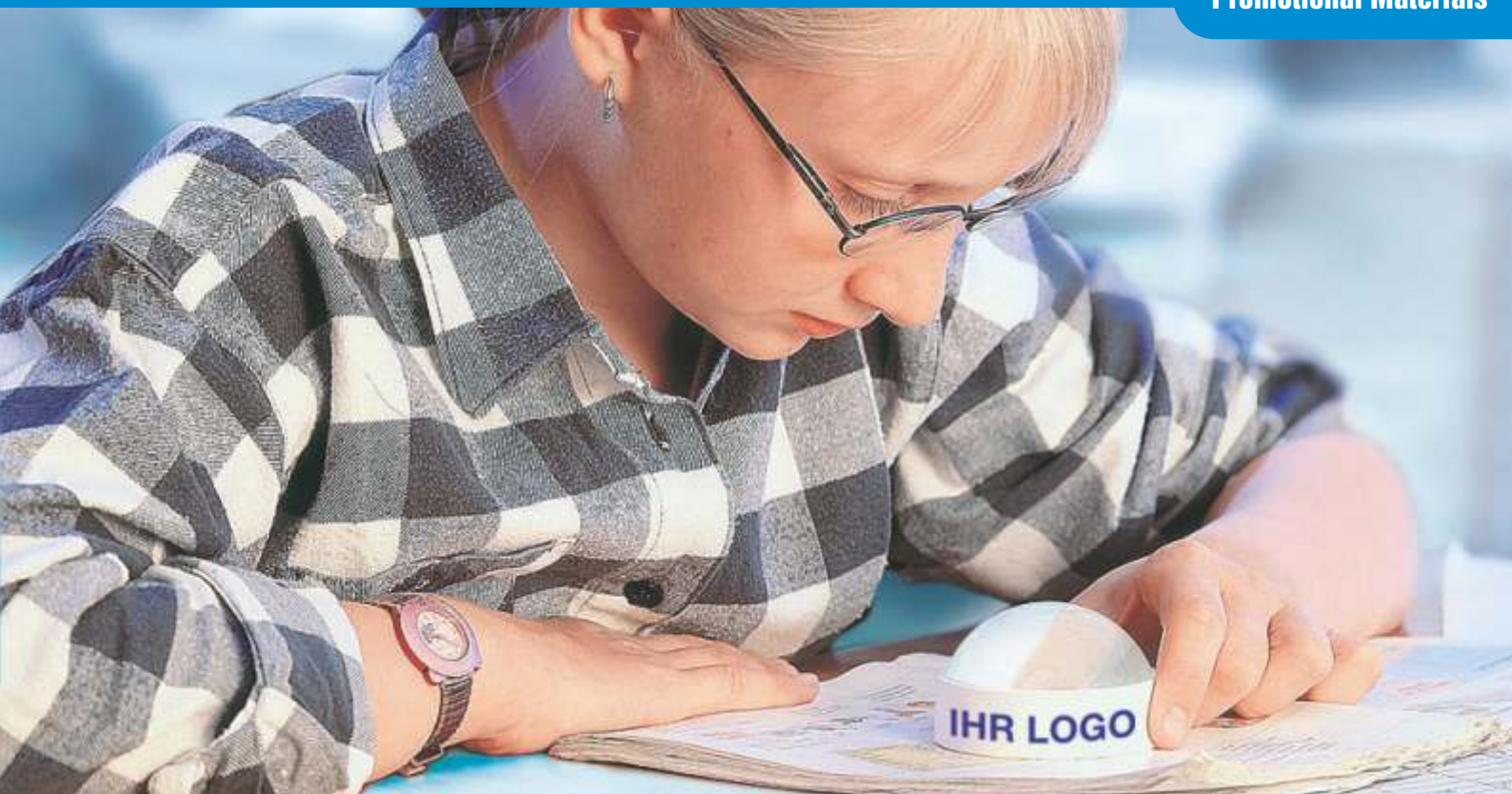
- Aspheric plastic lens
- Rectangular black plastic mount
- Optionally available with table base or table clamp

Basic-Line PLASTIC table top magnifier



MADE IN GERMANY

314002 with table base 3 x / 100 x 75 mm, asphärisch	31410 with table clamp 3 x / 100 x 75 mm, asphärisch
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9 Promotional Materials

SCHWEIZER offers a wide range of products suitable for customisation with your advertising logo. Ultimately, it is your company name that will be printed on the product, so it should truly reflect both you and your business

On the following pages, we have compiled a selection of representative products for you that are timeless and will make your company stand out.

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■ Basic-Line

Basic-Line MEGA hand magnifier

- Biconvex plastic lens
- Transparent mount and grey handle

Basic-Line MEGA hand magnifier



07101 2 x / 100x50 mm	07102 2 x / Ø 100 mm
07103 2,5 x / Ø 80 mm	07104 3 x / Ø 60 mm
07105 4 x / Ø 50 mm	

Basic-Line MEGA hand magnifier

- Aspheric plastic lens
- Black or white plastic handle

Basic-Line MEGA hand magnifier



81600 Weiß 6 x / Ø 60 mm	81601 Schwarz 6 x / Ø 60 mm
------------------------------------	---------------------------------------

Basic-Line reading bar

- Made from pure optical plastic
- Integrated handle recess
- Vertical magnification
- Supplied with microfibre pouch for safe storage and cleaning

Basic-Line reading bar



433202 with ruler (20 cm) 1.5x / 200x25 mm	432202 with red guiding line 1.5x / 200x35 mm
432332 with red guiding line 1.5x / 330x35 mm	

Basic-Line

Basic-Line Visolett® magnifier

- Silicate glass
- With white plastic rim or magnifier segment in tilted design without plastic rim

Basic-Line Visolett® magnifier



930642 with plastic rim
1.8 x / Ø 40 mm

930662 with plastic rim
1.8 x / Ø 65 mm

930652 Magnifier segment in tilted design
1.8x / 25x65 mm

Basic-Line bright field magnifier

- Acrylic glass
- Concave bottom prevents scratching
- Black cloth pouch included

Basic-Line bright field magnifier



930672 1.8 x / Ø 50 mm

930682 1.8 x / Ø 65 mm

930692 1.8 x / Ø 80 mm

930702 1.8 x / Ø 95 mm

Basic-Line Fresnel lens

- Lens sizes range from credit card size to approx. A5 format
- Sheet thickness varies from approx. 0.35 to 0.5 mm depending on size
- Ideal reading aid that also serves as a handy bookmark

Basic-Line Fresnel lens



04040 black frame
2x / 120x80 mm

04030 transparent frame
2x / 160x60 mm

04050 black frame
2x / 220x160 mm

04010 transparent frame
3 x / 80 x45 mm

04025 white frame
3,5x / 80x30 mm

Magnifiers Catalogue Industry & Trade

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