






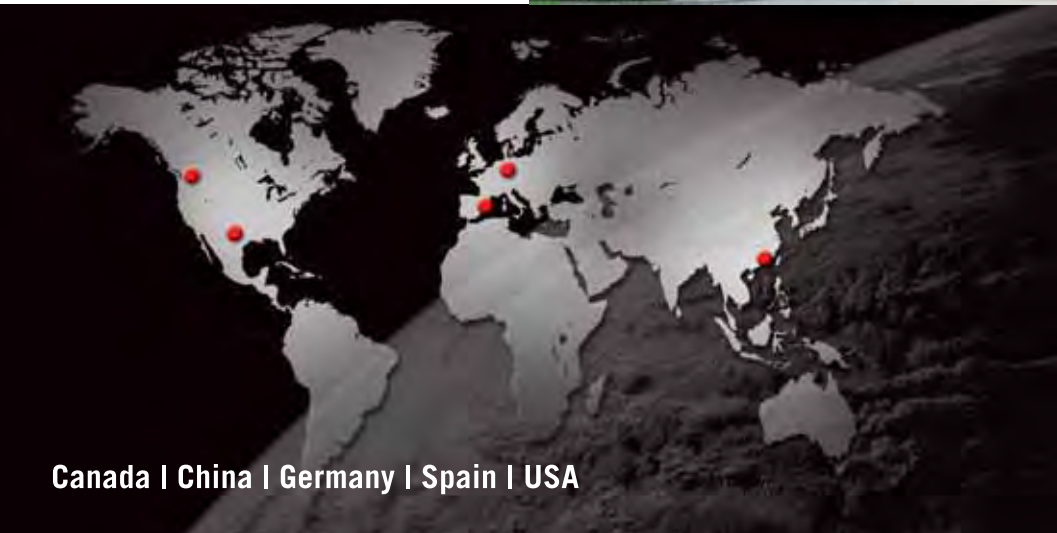
# Motic®

MORE THAN MICROSCOPY

**Specialists in designing and manufacturing advanced microscopy products**

**Innovative Technology  
Superb Quality  
Friendly Customer Service**

-  **Stereo**MICROSCOPES
-  **Biological**MICROSCOPES
-  **Digital**SOLUTIONS



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### 1 Illuminated magnifying lens

Orange body colour, with illuminator and plastic lens. Requires 2 x 1.5 V AA batteries for operation (not included).

Type	Mag-nification	Lens dia. mm	PK	Cat. No.
Lux-50	2.5x to 5x	50	1	9.151 817



### 2 Magnifying lens, economic

With practical additional lens in the handle. Particularly suitable for those who require a low level of magnification. An additional high-magnification lens enables small details to be read. Transparent plastic frame ensures easy orientation on the reading material. With eyelet in the end of the handle for round-the-neck cord which is supplied. The biconvex reading magnifiers offer a large visual field in a medium magnification range. Plano-convex additional lens with 5x magnification in handle. *Eschenbach*

Dimensions mm	Mag-nification	PK	Cat. No.
dia. 65	3x/7.4dpt	1	9.151 680
dia. 80	2.25x/5.1dpt	1	9.151 682
80 x 40	2.25x/5.0dpt	1	9.151 688



### 3 Magnifying lens, easyPOCKET

Silver, with illumination: ultra flat SMD-LED. Dimensions (WxDxH): 86mm x 54mm x 6mm. *Eschenbach*

Mag-nification	PK	Cat. No.
3x / 8.0dpt	1	9.151 147



### 4 Precision linen testers, plastic

- Linen tester with lateral scale
- Black plastic housing
- Scale: lateral scale with mm graduation

*Eschenbach*

Dimensions mm	Mag-nification	Field of view mm	PK	Cat. No.
dia. 18	8x/30dpt	20 x 20	1	6.236 477



### 5 Precision linen testers, metal

- Precision linen tester
- Brass frame, chrome-plated, silk matt finish

*Eschenbach*

Dimensions mm	Mag-nification	Field of view mm	PK	Cat. No.
dia. 12.6	12x / 48dpt	10 x 10	1	9.151 423
dia. 14.6	10x / 40dpt	15 x 15	1	9.151 427
dia. 17.6	8x / 32dpt	20 x 20	1	9.151 433
dia. 22.6	6x / 24dpt	25 x 25	1	9.151 442
dia. 31.6	5x / 20dpt	30 x 30	1	9.151 453





### 1 Metal linen testers with scale

- Measuring scale: graduation 1/10 mm

Eschenbach

Dimensions	Mag-nification	Field of view	Height	PK	Cat. No.
mm		mm	mm		
Ø 17,6	8x / 32 dpt	Ø 18	33	1	<b>9.151 500</b>



### 2 Magnifying lens

- Matte-chromed brass housing with eye  
- Lens surround in black-painted metal  
- Precision glass optics

Eschenbach

Dimensions	Lens dia. mm	Mag-nification	PK	Cat. No.
dia. 17	Achromatic	10x	1	<b>9.151 040</b>
dia. 17	Achromatic	20x	1	<b>9.151 050</b>
dia. 23	Aplanatic	8x	1	<b>9.151 051</b>
dia. 23	Aplanatic	10x	1	<b>9.151 052</b>
dia. 23	Aplanatic	12x	1	<b>9.151 053</b>



9.151 055

### Precision folding magnifiers, plastic

- Glass fibre reinforced, non-breakable polyamide body  
- The body is dustproof when closed  
- Glass lenses, size: diameter 23mm

Eschenbach

Lens dia. mm	Mag-nification	Description	PK	Cat. No.
Achromatic, coated	3x + 6x = 9x	Distortion-free image	1	<b>9.151 055</b> <span style="color: red;">3</span>
Aplanatic	10x	Distortion-free image	1	<b>9.151 155</b> <span style="color: red;">4</span>



9.151 155



9.151 107

9.151 108

### Precision scale magnifiers

- Distortion-free image with pinpoint clarity  
- Fine focusing via easy-grip focusing ring  
- Supplied with standard scale, measuring range 20mm, 1/10mm graduation, size: dai. 23mm  
- Housing made from glass fibre reinforced polyamide  
- Supplied in a solid plastic box with space for other scales

Eschenbach

LED lighting unit for precision scale magnifiers.  
- Handle holds 2 batteries

Description	Mag-nification	PK	Cat. No.
Magnification	7x / 28,0 dpt	1	<b>9.151 107</b> <span style="color: red;">5</span>
Magnification	10x / 40,0 dpt	1	<b>9.151 108</b> <span style="color: red;">6</span>
Handle with LED illumination for magnifying lenses	--	1	<b>9.151 106</b> <span style="color: red;">7</span>



9.151 106

### 1 Illuminated magnifying lens

Metal frame and glass lens.  
With measuring scale, 10x, 30mm.

Mag-nification	Lens dia. mm	PK	Cat. No.
10x	Ø 30	1	9.151 814



### 2 Illuminated pocket magnifiers, mobilux economy

Great value illuminated pocket magnifier with NF filament bulb. Ideal for reading small print at home and on the move, e.g. when searching for telephone numbers or looking at prices in the supermarket. Batteries are very handy to change when the battery compartment is opened, the upper and lower sections of the housing remain connected via a hinge and can be easily closed again. Bulb: NF lens bulb 2.5 V, 250 mA, E10. Eschenbach

Dimensions mm	Mag-nification	PK	Cat. No.
dia. 35	7.0x/28.0dpt	1	9.151 148
dia. 35	10.0x/38.0dpt	1	9.151 149



### 3 Illuminated pocket magnifiers, mobilux LED

The tried and tested illuminated hand-held magnifiers now feature a new design and improved functions. Eschenbach

- Ideal for reading small print both at home or when you're on the move, e.g. when you're searching for telephone numbers or looking at prices in the supermarket
- Easy to use: large, easy to operate light switch
- A choice of 2 different colours of light through use of the supplied filter
- The batteries are easy to change
- With handy eyelet on the end of the handle for round-the-neck cord
- Incl. case with strap for attaching to belt

Dimensions mm	Mag-nification	PK	Cat. No.
dia. 35	7x/28.0dpt	1	9.151 181
dia. 35	10x/38.0dpt	1	9.151 182



### 4 Illuminated magnifier, powerlux NEW!

Very simple to use, the ergonomic design promotes intuitive movement on the reading material. Automatic switch-off function, preserves battery life. Very comfortable to hold in the hand. Consistently bright and glare-free illumination. Eschenbach

- Available in two different colours of light
- 2 SMD LEDs are positioned opposite each other to provide shadow-free illumination
- Supplied with protective hard foam case

Dimensions mm	Light colour K	Mag-nification	PK	Cat. No.
dia. 58	8000	5x / 20.0dpt	1	9.151 186



### 5 Mini Light Box and Mini Magnifier NEW!

**Mini Light Box** saves bench space and can be stored in a drawer. Heathrow Scientific  
Viewing area is perfect for quick screening of 96-well plates, petri dishes, electrophoresis gels, slides, and transparencies. Powered by two AA batteries (included). Viewing area dimensions (W x D): 127 x 102mm. Overall dimensions (WxDxH): 161mm x 135mm x 44mm.

**Mini Magnifier** enlarges objects for easier viewing. To use with Mini Light Box or separately. Swiveling, molded lens. 1.75x magnification. Lens dimensions (W x D): 185mm x 100mm. Stand height: 207mm.

Description	PK	Cat. No.
Mini Magnifier, 1.75x	1	9.151 509
Mini Light Box, incl. 2 AA batteries	1	9.151 510





### 1 Illuminated magnifier

Magnifier lens complete with articulated arm.

*Exacta Optech*

Lens power: 3 diopters  
 Lens dimensions: 190mm x 157mm  
 Illumination: 2 fluorescent lamps: 9W (230V /50Hz)  
 Clamp opening: 70mm

Type	PK	Cat. No.
Magnifier lamp	1	9.170 701



9.705 078

### Illuminated magnifier, RLL 122 T

Strong, shadow-free illumination, using circular 22W fluorescent lamp.  
 Distortion-free, 4 dioptre, glass magnifier (120mm diameter).  
 With an accessory snap-on lens of 8 dioptres, resolving is boosted to 12 dioptres.  
 Smooth, easy adjustment. Spring balanced joints.

*Waldmann*

Specifications  
 Supply req.: 230V 50Hz  
 Fitted with: 1 x fluorescent lamp T-R29 22 W  
 Shade material: plastic  
 Lamp housing: opal white polycarbonate  
 Colour: light grey  
 Lens diameter: 120mm  
 Lens magnification, dioptres: 4

Type	Description	PK	Cat. No.
RLL 122 T	Illuminated magnifier	1	9.705 078
TK 1/45	Table clamp	1	9.705 088



9.705 088

### 4 Lamp magnifiers, vario LED

**NEW!**

Shadow-free and flicker-free illumination. Brightness can be adjusted to suit individual requirements. Can be used with distance and near vision glasses. Minimum power consumption due to low power requirement of the LED which is only 15W.

*Eschenbach*

- Ring lighting provided by 36 long-life high performance LEDs with primary lens system for optimal concentration of light and shadow and flicker-free working
- Approx. 5000 lx (at a 20cm working distance) provides full illumination power immediately
- Aspheric PXM® lightweight lens, cera-tec® coated for a distortion-free image with edge-to-edge sharpness
- Hinged and removable lens cover
- Magnifier head has 6 joints to ensure optimum positioning
- Tilting range of magnifier head: 180°
- Can be operated using one hand
- Cable length 3m

Lens protector

- Transparent lens protector for installing under the lens during machining work and dusty working conditions
- Can be changed

Description	Dimensions	Mag-nification	PK	Cat. No.
	mm			
vario LED	dia. 132	1.9x / 3.55dpt	1	9.151 597
Lens	dia. 132	2.5x / 6.0dpt	1	9.151 598
Lens protector			1	9.151 599



### 5 Headband and clip-on magnifiers labo-clip

**NEW!**

The labo-clip system can be easily attached to the spectacle frame.  
 The labo-clip leaves both hands free for working.  
 Comfortable working distance even with a high level of magnification.  
 Ideal not just for work tasks but also for leisure and craft activities.

*Eschenbach*

- Used with distance spectacles to achieve optimum image quality.
- Lenses easily interchangeable.
- Lens sizes: monocular dia. 40mm, binocular 74.5 x 22.5mm
- Lightweight
- Lens clamp made from glass fibre reinforced plastic
- Supplied with protective box

Type	Description	Mag-nification	Working Distance	PK	Cat. No.
			mm		
labo-clip*	binocular	2x/2.5dpt	250	1	9.151 175
labo-clip	binocular	2.5x/5.0dpt	180	1	9.151 171

\* Shorter working distance due to integrated convergence supporting prisms.

### 1 Peak-mounted, Illuminated Magnifier Exacta Optech

Lamp: 2.2V - 0.25A. Power Supply: 4 x AAA (Micro cells).

Lens:	Working distance:
1.2x	520mm to 620mm
1.8x	230mm to 320mm
2.5x	150mm to 250mm
3.5x	80mm to 120mm

Type	PK	Cat. No.
Peak-mounted, illuminated magnifier	1	9.170 702



### 2 Headband magnifier Eschenbach

Both hands are free to work. The shield can be simply flipped up when not needed. Interchangeable lenses snap into a high grade plastic housing. The headband has an adjustable strap and foam lining for greater comfort and ease of fitting. With PXM®, lightweight aspheric lens with scratch resistant surface coating.

Mag-nification	Working Distance mm	PK	Cat. No.
1.7x	400	1	9.151 214
2.0x	250	1	9.151 215
2.5x	180	1	9.151 212
3.0x	130	1	9.151 216



### 3 Headband and clip-on magnifiers labo-med Eschenbach

Both hands are free for working. Comfortable working distance even with a high level of magnification. Ideal not just for work tasks but also for leisure and craft activities.

- Lenses easily interchangeable
- Lens clamp made from glass fibre reinforced plastic
- The labo-med clip-on magnifiers are only suitable for non-spectacle wearers
- Discreet metal frame, black matt finish
- Supplied with protective box
- labo-med can also be used with monocular lenses which are available as an accessory

Type	Description	Mag-nification	Working Distance mm	PK	Cat. No.
labo-med*	binocular	2x/2.5dpt	250	1	9.151 178
labo-med	binocular	2,5x/5.0dpt	180	1	9.151 179

\* Shorter working distance due to integrated convergence supporting prisms.

### 4 Magnifying spectacles MaxDetail Eschenbach

For demanding detailed work. Both hands are kept free for carrying out intricate work, handicrafts or reading. Comfortable working distance and large visual field; lightweight, contemporary design.

- Revised design
- With improved adjustment of dioptre compensation
- Easily adjustable temples (can be adjusted without warming)
- Large PD range 60-68mm
- Working distance approx. 40cm
- Dioptre compensation: ±3dpt, right/left can be separately adjusted, cylinder correction not possible
- Supplied in hard foam case

Type	Mag-nification	Working Distance mm	Weight g	PK	Cat. No.
MaxDetail	2x / ±3dpt	400	49	1	9.151 177

