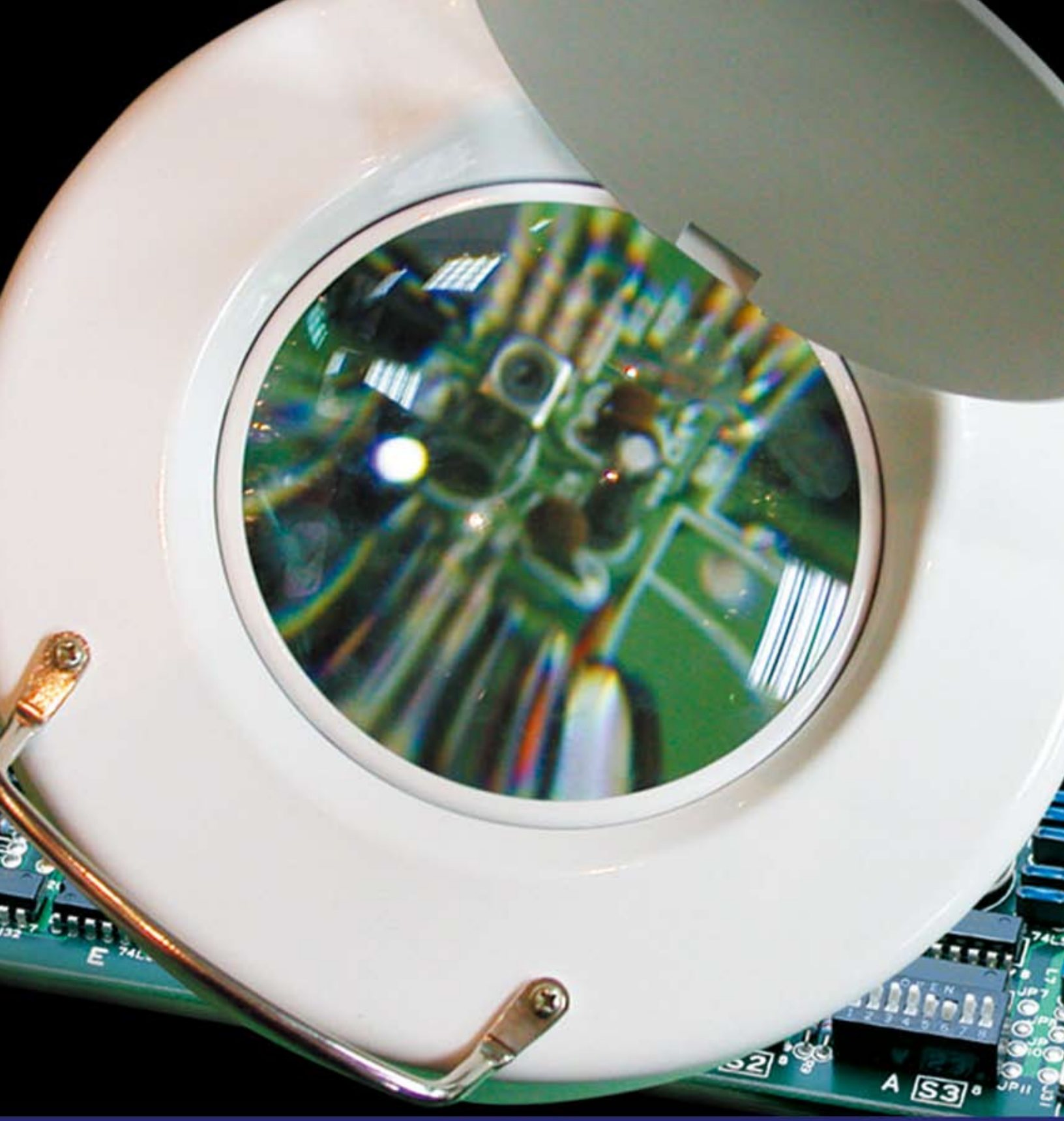


MAGNIFICATION/LIGHTING

Magnification/Lighting

The materials of Pro'sKit® magnifier & lamps include Glass and Acrylic.

The characters of Glass:

- **Scratch-resistance:** The glass is not easy scratched due to their high density.
- **High-transmit:** It comes with smooth surface providing high transmission for clear view, anti-dust.
- **Low-glare:** The glass Lens feature low glare to reduce eye fatigue when used for long times.

The characters of Acrylic:

- **Light-weight:** The weight of Acrylic is only half of glass.
- **Anti-impact:** The impact strength of Acrylic is 7-18 times higher than that of glass.
- **High-transmit:** : It has the excellent transparent materials at present, and transmit is better than glass.

Glass Lens

Acrylic Lens

The light source and electronic rectifier:

Pro'sKit® is always striving to improve its products to become more energy efficient and environment-friendly. All of Pro'sKit® magnifiers & lamps come with Electronic Rectifier features reducing the electromagnetic interference to almost zero and meet RoHS compliance. The Electronic Rectifier will provide even more stable performance and will light up more quickly for use than the traditional linear transformer.

Magnification chart of Pro'sKit® Magnifier & Lamp :

- **Diopter(D)** is a measurement unit of the refractive power of a lens. Each diopter means an object has been magnified by 25%.
- **Magnification(X)** is a measurement of how much larger an object is after magnification. A power of 1x means the object size has been magnified by 100%.
- **Focal Length** is the distance from a point where the image of a distance object is formed (focal point) to lens

Diopter	% Bigger Than Object	Magnification (X)	Focal Length (mm/inch)
1D	25%	1.25 X	1016 (40.00”)
2D	50%	1.5 X	508 (20.00”)
3 D	75 %	1.75 X	339 (13.33”)
4 D	100 %	2.00 X	254 (10.00”)
5 D	125 %	2.25 X	203 (8.00”)
6 D	150 %	2.50 X	169 (6.67”)
7D	175%	2.75X	145(5.71”)
8 D	200 %	3.00 X	127 (5.00”)
9 D	225 %	3.25 X	113 (4.44”)
10 D	250 %	3.50 X	102 (4.00”)
12 D	300 %	4.00 X	85 (3.33”)
20 D	500 %	6.00 X	51 (2.00”)
28 D	700 %	8.00 X	36 (1.43”)
30 D	750 %	8.50 X	34 (1.33”)

Caring for Eye Care

When you are doing any of these things which require staring at one place for 30 minutes, it is important to take a break for 5 minutes and look at things farther away.

900-167 Protective Glasses

- Ideal for use when cutting, grinding or boring to protect the eyes against flying particles.

- **Individual packing: Blister Card**

900-239 Magnifier Sheet

- Hold over any subject matter to magnify 3X(8D)~4X(13D)

- **Individual packing: Poly bag**

900-064 "OptiLoupe" 2X Magnifier

- Bolts onto optivisor to double magnification
- Flips out of the way when not in use
- **Individual packing: Blister Card**

900-080/900-080B VisorLight

- Clips onto headband of Optivisor
- Xenon laser for illuminating close-up work

Model No.	Description	Individual packing
900-080	VisorLight (Headband shown but not included)	Blister card
900-080B	Replacement bulb for Visorlight	Blister card

OptiVisor Series "OptiVisor" Binocular Magnifier

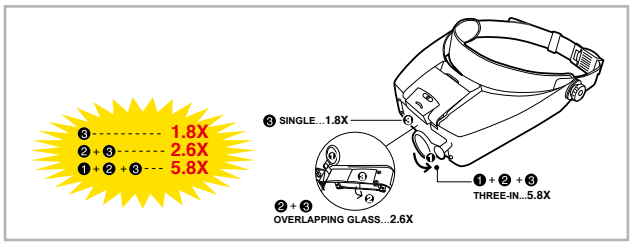
- Reduces eye strain
- Optical glass (not plastic) lenses
- Genuine leather comfort band
- **Individual packing: Color box**

Complete OptiVisor	Magnification	Lense Plate Only
900-079	1.5X @ 20"	900-236
900-082	1.75X @ 14"	900-096
900-081	2X @ 10"	900-147A
900-075	2.5X @ 8"	900-075A
900-063	2.75X @ 6"	900-076
900-235	3.5X @ 4"	900-077

900-142 OptiVisor with No Lens

MA-016 Headband Magnifier

- Detachable LED light device.
- The angle of LED light is adjustable.
- Multiple lens provide better magnification.
- The belt size can be adjusted freely.



Materials	Acrylic	**Light source**	LED
Magnification	Single: 1.8X Overlapping: 2.6X Three-in: 5.8X	**Battery**	1.5V AAAx2 pcs (Not included)
Lens size	Round: Ø 29mm/Ø1.0" Square: 89x29mm/3.5"x1.1"	**Individual packing**	Color box

900-123 Sliding Magnifier

3X (one lens)

6X (two lenses)

Consists of upper and lower 3X lenses. Slide one out to obtain 3X magnification and slide the other out to obtain 6X magnigication.

900-124 Folding Magnifier

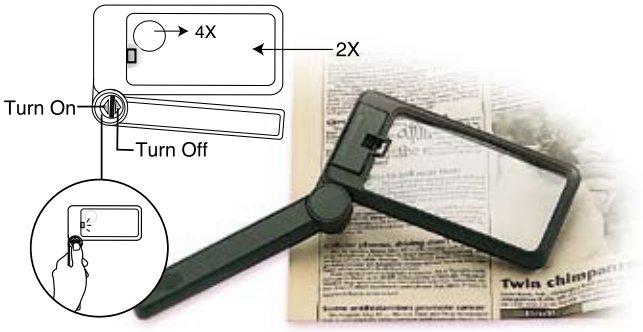
Lenses combined for higher magnification

Versatile magnifier with one, two or three lenses, can be used alone or with two or three lens models, used in combination to produce several powers of magnification. Tough, durable plastic swing-away case serves as handle and protective cover.

900-125 Illuminated Magnifier

Optical quality lighted magnifier with 2-1/2" round lens.

900-126 Folding Lighted Magnifier



Compact magnifier features a 2"x4" rectangular 2X lens , housed in the folding 4" handle.

902-238 3x Magnifier

- Glass lens with plastic holding handle.
- Ideal for very small objects and documents reading.

900-239 8x LED Illuminated Magnifier

- Glass lens with hinged stainless cover.
- Great for very small objects, collections, and jewelry work.

Model No.	Lens material	Magnification	Lens size(mm/inch)	Light source	Battery	Replacement bulb	Individual packing
900-123	Acrylic	Single: 3X Overlapping: 6X	22x35mm/0.87x1.4	-	-	-	Blister card
900-124	Acrylic	Single: 5X Overlapping: 10X	Ø 25mm/Ø1.0	-	-	-	Blister card
900-125	Glass	4X	Ø 62mm/Ø2.4	Bulb	1.5V AA x 2 pcs (Not included)	900-125B	Blister card
900-126	Acrylic	2X / 4X	96x49mm/3.8x1.9	Bulb	1.5V AAA x 2 pcs (Not included)	-	Blister card
900-238	Glass	3X	Ø 50mm/Ø2"	-	-	-	Blister card
900-239	Glass	28D(8X)	Ø 21mm/Ø(0.82"	LED	LRII30 (3AG12) x 3 (Included)	-	Blister card

MA-018 Two-Arms Clip / Stand Magnifier

Stand on desk with legs pulled out

With table clamp

LED light

Extra arms with clips

902-240 2x Foldable Magnifier

- Glass lens with adjustable folding arms design.
- Sits on a desk or table and adjusts for varying height and angle.
- Great for working on hobbies, documents, and circuit boards, etc.

902-108 Desk Type Magnifier Lamp

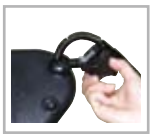
- The adjustable arm allows you to angle and point the light to where you need it most.
- The insert Lens allows partial magnification of object up to 12D for precision work.
- 12W fluorescent circular lamp
- Power supplied with electronic rectifier provides even more stable performance

902-221 Desk Type Magnifier Lamp

- Easy swivel lens that rotates 360º and tilts 280º
- Powerful 2X(5D) magnifying lens
- 12W fluorescent lamp
- Adjustable joint arm for easy positioning
- Energy efficient and super bright
- Liftable lens-protection cover

Model No.	Lens material	Magnification	Lens size	Light source	Illumination	Battery	Voltage	Standard plug	Replacment bulb	Individual packing
MA-018	Hand: Zinc Alloy Lens: Optical Lens	4D/12D (2X/4X)	Lens Dia: Ø 110mm/Ø4.3" Inset Lens: Ø 21mm/Ø0.83"	2 LEDs	-	1.5V AAAx2 pcs (Not included)	-	-	-	PVC zippered case + Color box
902-240	Acrylic	2X	Ø 130mm/Ø5"	LED	-	LRII30 (3AG12) x3 (Included)	-	-	-	Color box
902-108	Glass	3D/12D (1.75X/4X)	Ø 100mm/Ø3.9"	-	12W/T4 G10q	-	AC 110V~120V	A	Bulb-T4	Color box
902-221	Glass	2X(5D)	Ø 100mm/Ø3.9"	T4 12W circular fluorescent lamp Supplied with Electronic ballast	12W/T4	-	AC 120V 60Hz	A	Bulb-T4	Color box

902-110 Gooseneck Magnifier Lamp



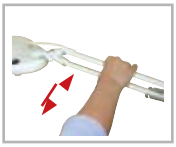
- 5 diopter (2.25X magnification) glass lens.
- Even, shadow-free light under the magnifying lens with 22-watt T5 circular fluorescent tube will make it easier for you to see and enjoy the activities longer.
- The flexible gooseneck allows you to angle and point the light to where you need it most.
- Clamps easily and securely onto most flat surfaces up to 2.6" thick.
- Dust-proof cover for lens protection.

902-109 Table Clamp Magnifier With Workbench Lamp

- 5 diopter (2.25X magnification) glass lens.
- Even, shadow-free light under the magnifying lens with 22-watt T5 circular fluorescent tube will make it easier for you to see and enjoy the activities longer.
- All metal housing mounted on a spring balanced arm that stays set in any position.
- Clamps easily and securely onto most flat surfaces up to 2.6" thick.
- Dust-proof cover for lens protection.

Model No.	Lens material	Magnification	Lens size	Illumination	Voltage	Standard plug	Replacment bulb	Individual packing
902-110	Glass	5D(2.25X)	Ø 127mm (5")	22W/T5 G10q	AC 120V	A	Bulb-T5	Color Box
902-109	Glass	5D(2.25X)	Ø 127mm (5")	22W/T5 G10q	AC 120V	A	Bulb-T5	Color Box

900-061/MA-1205CA-B Magnifier Workbench Lamp



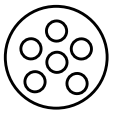
Replacement accessories

Model No.	Description
900-061-3X	Lens (Optional)
900-061B	Light bulb
900-061-CLAMP	Clamp

- Fully-adjustable spring arm with extra ABS sleeves outside of the springs for secure operation
- RoHS standard, new designed adaptor provides reduced electromagnetic interference
- Wide open protection cover design can be swiveled up and won't spring back
- 5 diopter (2.25X magnification) glass lens.
- Even, shadow-free light under the magnifying lens with 22-watt circular fluorescent tube makes it easier for you to see and enjoy the activities longer.
- Spring balanced adjustable arm for easy maneuverability and positioning.
- Heavy duty cast bench clamp mounts to any bench top.
- Adjustable clamp base fits up to 65mm thick surfaces.
- Comes with a protection cover to produce sharp images over a wide viewing area.

Model No.	Lens material	Magnification	Lens size	Illumination	Voltage	Standard plug	Color	Individual packing
900-061	Glass	5D(2.25X)	Ø127mm (5")	22W	AC 120V	A	White	Color Box
MA-1205CA-B	Glass	5D(2.25X)	Ø127mm (5")	22W	AC 120V	A	Black	Color Box

900-182 6 LED's Technology Flashlight



6 LED's

Battery	OAL (mm/inch)	Individual packing
2 x AA (not included)	152/6	Blister card

902-068 LED Flashlight

- Rugged design aluminum body contoured for firm grip.
- Light weight and easy to carry.
- Operated using 2x AA cell batteries (not included).
- Switch on/off control on the bottom.
- Black color.

Battery	Replacement bulb	OAL (mm/inch)	Individual packing
2 x AA (not included)	902-068B	152/6	Blister card