

MAGNIFIER & LAMP



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-transmission:** 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-transmission:** It has the excellent transparent materials at present, and transmission is better than glass.



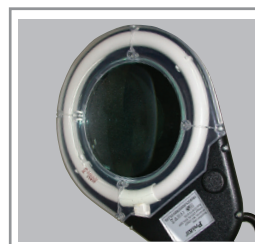
Glass Lens



Acrylic Lens

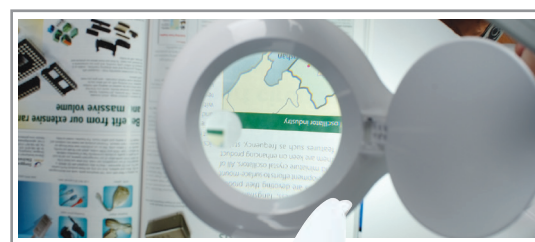
The light source and electronic rectifier:

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®** Magnifiers & Lamps:

- **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 2x 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(in)
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.

MA-1209LA / MA-1209LI

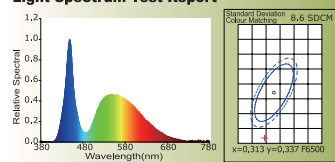
LED Table Clamp Magnifier Lamp



90 LEDs
5D (2.25X)
Magnification

- The glass lens will provide high transmittance and will not easily scratch.
- 90 LEDs energy saving, low temperature and long life.
- Power supplied with electronic rectifier provides even more stable performance.
- Adjustable arm for easy positioning where it is most needed.
- Clamps easily and securely onto most flat surfaces up to 65mm thick.

Light Spectrum Test Report



PCB checking

Model No.	Color temperature	illumination	Lens material	Magnification	Lens size	Light source	Voltage	Standard plug	Individual packing
MA-1209LA	6000-7000 Kelvin	400 Lumen	Glass	5D(2.25X)	Ø 127 mm	90 pcs LEDs	AC 110V-120V	A	Color Box
MA-1209LI							AC 220V-240V	I	

MA-1219A / MA-1219F

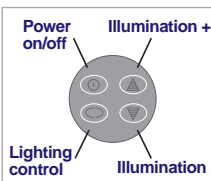
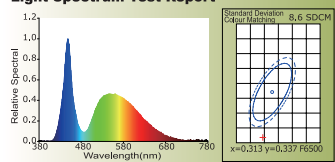
LED Table Clamp Magnifier Lamp



84 LEDs
3D (1.75X)
Magnification

- Comes with 84 SMD LEDs provide 900 Lumen bright lighting and only 2-18W low consumption.
- There are 3 level illuminations for choice to meet different applications.
- Design with 3D(1.75X) magnification glass lens, features high transmission for excellent view.
- The unique internal cantilever design allows angling and pointing the light position more easily and safely.

Light Spectrum Test Report



Model No.	Color temperature	illumination	Lens material	Magnification	Lens size	Light source	Voltage	Standard plug	Individual packing
MA-1219A	6000-7000 Kelvin	900 Lumen	Glass	3D (1.75X)	175x 130mm	84 pcs LEDs	220-240V AC, 50/60Hz	A	Color Box
MA-1219F								F	

MA-1601A / MA-1601F

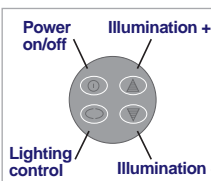
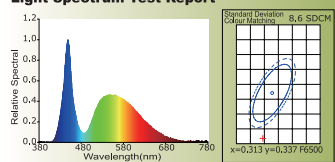
LED Working Lamp



84 LEDs

- The adjustable arm allows easy placement in any position you need.
- Comes with switching adapter, provides even more stable performance.
- Design with 84pcs SMD LED, features long service life reaches to 5,000 hours, super bright and energy-saving 80%.
- Both high light and dim light for choices.

Light Spectrum Test Report



Model No.	Color temperature	illumination	Overall length	Light source	Voltage	Standard plug	Individual packing
MA-1601A	6000-7000 Kelvin	1200 Lumen	92 x 58 x 18 cm	84 pcs LEDs	AC 110V-120V	A	Color Box
MA-1601F					AC 220V-240V	F	

MA-1503A / MA-1503I Wide View Magnifier



- Power supplied with electronic rectifier provides even more stable performance
- Even, shadow-free light will make it easier for you to see and reduce eye strain.
- Spring balanced adjustable arm for easy maneuverability and positioning.
- Easy to replace the fluorescent tubes.

Model No.	Lens material	Magnification	Lens size	Light source	Voltage	Standard plug
MA-1503A	Glass	3D(1.75X)	Ø 190 x155mm	PL 9W	AC 110V~120V	A
MA-1503I				x 2 pcs	AC 220V~240V	I
Individual packing				Color Box		

MA-1215CA / MA-1215CF Table Clamp Magnifier With Workbench Lamp



- Power supplied with electronic rectifier provides even more stable performance
- Even, shadow-free light will make it easier for you to see.
- All metal housing mounted on a spring balanced arm that stays set in any position.

Model No.	Lens material	Magnification	Lens size	Light source	Voltage	Standard plug
MA-1215CA	Glass	5D(2.25X)	ø127 mm	22W/T5	AC 110V~120V	A
MA-1215CF				G10q	AC 220V~240V	I
Individual packing				Color Box		

MA-1205CA / MA-1205CB Magnifier Workbench Lamp



- Power supplied with electronic rectifier provides reduced electromagnetic interference
- Wide open protection cover design can be swiveled up and won't spring back
- Even, shadow-free light will makes it easier for you to see and enjoy the activities longer.
- Spring balanced adjustable arm for easy maneuverability and positioning.

Model No.	Lens material	Magnification	Lens size	Light source	Voltage	Standard plug
MA-1205CA	Glass	5D(2.25X)	ø127 mm	22W	AC 110V~120V	A
MA-1205CB					AC 220V~240V	I
Individual packing				Color Box		

MA-1225CA / MA-1225CF Gooseneck Magnifier Lamp



- Power supplied with electronic rectifier provides even more stable performance.
- Even, shadow-free light will make it easier for you to see.
- 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 65mm thick.

Model No.	Lens material	Magnification	Lens size	Light source	Voltage	Standard plug
MA-1225CA	Glass	5D(2.25X)	Ø 127 mm	22W/T5 G10q	AC 110V~120V	A
MA-1225CF					AC 220V~240V	I
Individual packing				Color Box		

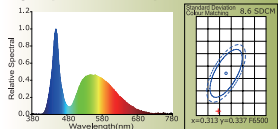
▶ **MA-1004A / MA-1004F****Desk Type Magnifier Lamp**

Energy saving, Zero electromagnetic interference

- Comes with 56 LEDs which provide bright lighting and only 9W consumption.
- The LED features long lifetime reaches to 50000 hours, is 20 times longer lifetime than incandescent lamp.
- Design with 3D(1.75X) magnification glass lens, great for working on hobbies, PCB and documents.
- The adjustable arm allows angling and pointing the light to where you need.



Light Spectrum Test Report



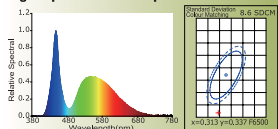
Model No.	Lens material	Magnification	Lens size	Light source	Color temperature	Luminance	Voltage	Standard plug	Individual packing
MA-1004A	Glass	3D(1.75X)	127x79 mm	56 pcs LEDs	6000~7000 Kelvin	650 Lumen	AC 110V~120V	A	Color Box
MA-1004F							AC 220V~240V	F	

▶ **MA-1006A / MA-1006F****Desk Type LED Magnifier Lamp**

- Comes with 30 LEDs which provide bright lighting and only 5.5W consumption.
- The LED features long lifetime reaches to 50000 hours, is 20 times longer lifetime than incandescent lamp.
- Design with 3D(1.75X) magnification glass lens, great for working on hobbies, PCB and documents.
- The adjustable arm allows angling and pointing the light to where you need.



Light Spectrum Test Report



Model No.	Lens material	Magnification	Lens size	Light source	Color temperature	Luminance	Voltage	Standard plug	Individual packing
MA-1006A	Glass	3D(1.75X)	115x73 mm	30 pcs LEDs	6000~7000 Kelvin	300 Lumen	AC 110V~120V	A	Color Box
MA-1006F							AC 220V~240V	F	

▶ **MA-1003MA / MA-1003MF**
Desk Type Magnifier Lamp

- The insert lens allows magnify partial object up to 12D.
- Power supplied with electronic rectifier provides even more stable performance.

Model No.	Lens material	Magnification	Lens size	Light source	Voltage	Standard plug
MA-1003MA	Glass	3D/12D (1.75X/4X)	Ø 100 mm	12W/T4 G10q	AC 110V~120V	A
MA-1003MF					AC 220V~240V	F
Individual packing			Color Box			

▶ **MA-015 Foldable Magnifier**

* Not for sale in Japan

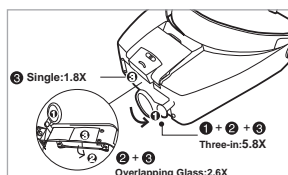
- Glass lens with adjustable folding arms design.
- Great for working on hobbies, documents, and circuit boards, etc.

Lens material	Magnification	Lens size	Light source	Battery
Acrylic	2D (1.5X)	Ø 130mm (5")	1 LED	LR1I30 (3AG12) x3 (Included)
Individual packing			Color Box	

MA-016 Headband Magnifier

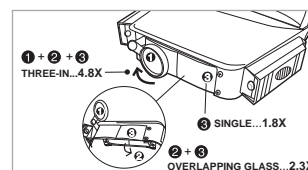


LED light



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

8PK-MA003N Personal Magnifier



- Light weight. Frame is made of durable impact resistant material.
- The comfortable headband is fully adjustable to fit any size.
- Easy to adjusting visor to most comfortable position.

Model No.	Materials	Magnification	Lens size	Light source	Battery	Individual packing
MA-016	Acrylic	Single: 1.8X Overlapping: 2.6X, Three-in: 5.8X	Round: Ø 28mm Square: 89x29mm	1 pcs high power LED	1.5V AAAx2 pcs	Blister card
8PK-MA003N		Single: 1.8X Overlapping: 2.3X, Three-in: 4.8X	Round: Ø 28mm Square: 91x29mm	2 pcs Bulbs	(Not included)	

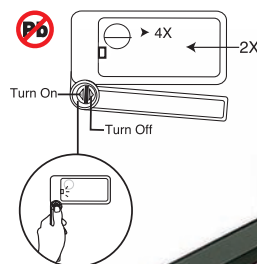
8PK-MA006 Illuminated Magnifier



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

Lens material	Magnification	Lens size	Light source	Battery	Individual packing
Glass	12D (4X)	Ø 62 mm	1 Bulb	1.5V AA x 2 pcs (Not included)	Blister card

8PK-MA007 Folding Lighted Magnifier



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

Lens material	Magnification	Lens size	Light source	Battery	Individual packing
Acrylic	4D (2X) 12D (4X)	96x49 mm	1 Bulb	1.5V AAA x 2 pcs (Not included)	Blister card

8PK-MA008 Sliding Magnifier



3X (one lens)



8PK-MA005 Folding Magnifier



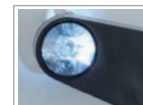
Lenses combined for higher magnification



MA-014 8x LED Illuminated Magnifier



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



jewelry work

Model No.	Lens material	Magnification	Lens size	Light source	Battery	Individual packing
8PK-MA008	Acrylic	Single: 8D (3X) Overlapping: 20D (6X)	22x35mm	-	-	Blister card
8PK-MA005		Single: 16D (5X) Overlapping: 36D (10X)	Ø 25mm			
MA-014	Glass	28D (8X)	Ø 21mm (0.82")	1 LED	LR1130 (3AG12) x 3 (Included)	

MA-023 HANDHELD LED LIGHT MAGNIFIER



LED light

High quality 10D(3.5X)
Acrylic lens, Ø50mm

High quality 76D (20X)
Acrylic lens, Ø18mm



Comes with 2 LEDs
allowing use in light
insufficient place

Soft handle



Pull-out with dual lenses
10D(3.5X)/76D(20X) to meet many applications.

Comes with 2 LEDs light
Allows use in dark place.

Nonslip handle with rubber

Provides comfortable operation.



PCB hecking



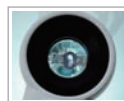
Jewelry work

Len Material	Magnification & Lens size		Light Source	Battery	Individual packing
	Big Lens	Small Lens			
Acrylic	10D(3.5X) Ø50mm	76D(20X) Ø18mm	2 LEDs	1.5V AAA x3pcs (not included)	Blister card

MA-020 22X Handheld LED Light Magnifier



LED light



jewelry work



- Comes with 2 LED lights
- Excellent for jewelry work

MA-021 3.5X Handheld LED Light Magnifier



LED light



PCB checking



- Comes with 2 LED lights
- Suitable for reading, PCB checking and more.

MA-022 7.5X Handheld LED Light Magnifier with Currency Detecting Function



LED light



Currency detection



jewelry work



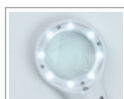
- Comes with 1 LED light
- Combine with UV light for currency or credit card detection

Model No.	Lens material	Magnification	Lens size	Light source	Battery	Individual packing
MA-020	Glass	Object lens 11.5D; Eyepiece 19D, (22X)	Ø 19mm	2 LEDS	1.5V AAA x3pcs (not included)	Blister card
MA-021		10D (3.5X)	Ø 46mm			
MA-022		26D (7.5X)	Ø 27mm	1+1LED (1UV LED)	CR2016 x 2 (not included)	

MA-019 3X Handheld LED Light Magnifier with Currency Detecting Function



LED light



8 LEDS



Reading



Currency detection



- Comes with 8 LEDs light
- With UV light for currency or credit card detection
- Ideal for reading, PCB checking, insect observation.etc

Model No.	Lens material	Magnification	Lens size	Light source	Battery	Individual packing
MA-019	Glass	8D (3X)	Ø 56 mm	8+1 LEDS (1 UV LED)	1.5V AAA x3pcs (not included)	Blister card

MA-013 3X Magnifier



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

Model No.	Lens material	Magnification	Lens size	Individual packing
MA-013	Glass	8D (3X)	Ø 50mm (2")	Blister card