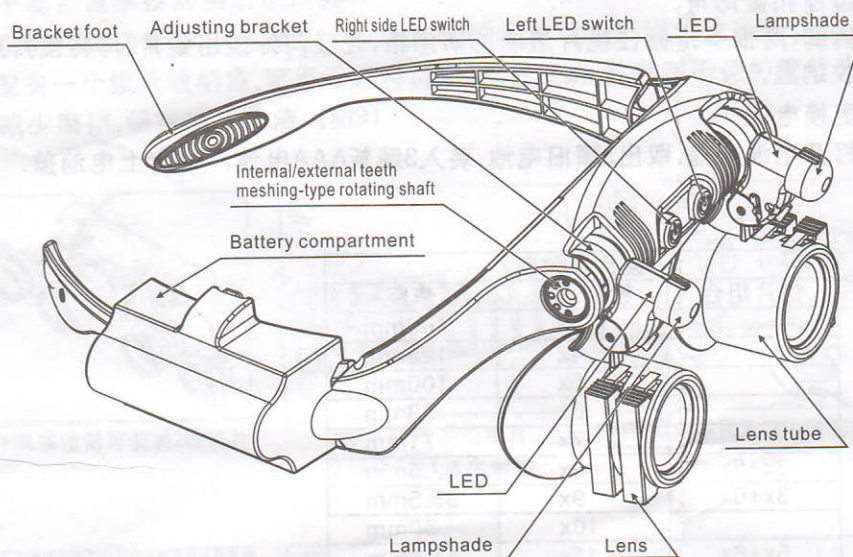


NO.32225-21SX

## Magnifier with 2 LED interchangeable warm and cold light lampshade

- Seven different magnification lenses corresponding to the left and right can be quickly combined into 21 multiples. The maximum magnification can be up to 25x.
- Please check the lens parameter table for the lens magnification and focal length



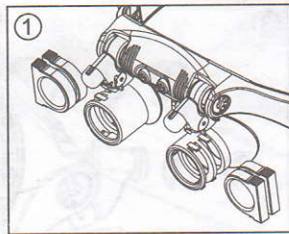
### Applicable range:

Mechanical processing, electronic repair, jewelry appraisal, clock repair, repair and carving handicraft and so on.

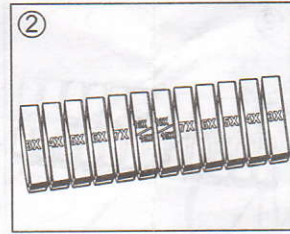
### Characteristic:

1. Two blindfold barrels with LED illumination. Each blindfold barrel can be equipped with two lenses. The appropriate magnification lenses can be selected according to the size of the observed object. (Fig.1)
2. Fourteen magnifying lenses and seven lenses with different magnification can be installed on two barrels to achieve multiple magnification effects. Twenty-one magnification combinations can achieve a maximum magnification of 25 times. The barrel and bracket are connected by an inner and outer teeth wrapping structure, which can adjust and fix the barrel angle flexibly and repeatedly according to need, and is more durable. (Fig.2)(Schedule)
3. LED lighting lamp can be equipped with two different color temperature lamp shades. The color temperature difference can be interchangeable. When observing small objects, there are three different light sources to choose. They are cold light source, light warm color and dark warm color, which provide a better comfortable working environment for users. (Fig.3)
4. The nasal bridge is directly moulded with stainless steel and soft glue. It can be adjusted freely according to the shape of the nasal bridge, which is suitable for different people's needs. (Fig.4)

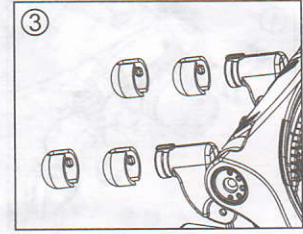
5. Battery compartment is located in the glasses frame. Compared with the old products, it can reduce weight more effectively and wear more comfortably. Large capacity batteries, button batteries are used in old-fashioned clocks and watches repairing magnifiers, which have small capacity and short use time and require frequent battery replacement. Three AAA batteries are used in this upgraded version. The battery life is 20 hours longer than that of the old one. (Fig.5)
6. The LED lamp and the control switch are designed separately, and the two control switches are set on the forehead. The operation is more accurate and convenient, and the illumination point of the light source is not changed because of touching the LED lamp. It is not necessary to recalibrate the illumination point when repeatedly using. (Fig.6)
7. The angle of the mirror barrel and the illumination angle of the LED light source can be adjusted so that the light source can illuminate the surface of the observed object accurately. (Fig.7, Fig.8)
8. Equipped with a lens receiving box, it can be used to preserve the lens, save space, and help protect the lens surface, reduce wear and tear, and keep the lens clean. (Fig.9)



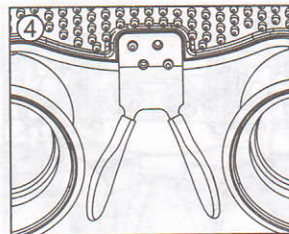
Two lenses can be installed in each eye mask tube



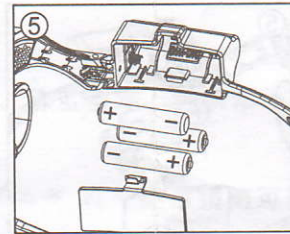
Seven lenses with different magnifications can be combined into 21 magnifications.



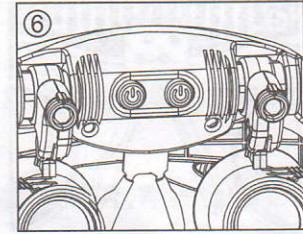
Warm-coloured lampshade with two different colour temperatures



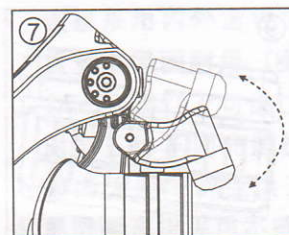
Freely adjustable nose frame



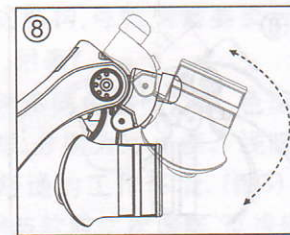
Large capacity batteries last a long time



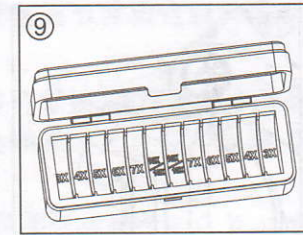
Two LED lights adopt two control switches



Adjustable illumination angle of LED light source



Adjustable lens tube angle



Lens receiving box



### Method of operation:

#### 1. Receiving lenses

The lens receiving box can be packed with 12 lenses. The multiple of lenses has been marked inside the receiving box (10x/15x lens groove can be placed into 10 or 15 times lenses). The lenses can be loaded into corresponding positions according to the multiple on the edge of the lens.

#### 2. Installation and disassembly of magnifying lenses

Installation: Remove the required lens from the receiving box, push the lens into the lens groove on the barrel, and fasten the lens to the barrel.

Disassembly: Two fingers hold the sliding groove on the edge of the lens, gently pull out the lens, and then put the lens into the receiving box.

#### 3. Replacement of batteries

Open the battery bin cover and remove 3 old batteries. Install three new AAA batteries and close the battery cover.

### Schedule:

Lens Parameter Table		
Combination magnification	Lens magnification	Focal length
	3x	166mm
	4x	125mm
	5x	100mm
	6x	83mm
	7x	71mm
3x+5x	8x	62.5mm
3x+6x	9x	55.5mm
	10x	50mm
5x+6x	11x	45.5mm
5x+7x	12x	41.5mm
6x+7x	13x	38.5mm
10x+4x	14x	35.7mm
	15x	33mm
10x+6x	16x	31.2mm
10x+7x	17x	29.4mm
15x+3x	18x	27.8mm
15x+4x	19x	26.3mm
15x+5x	20x	25mm
15x+6x	21x	23.8mm
15x+7x	22x	22.7mm
10x+15x	25x	20mm

### Safety precautions:

1. Do not put the magnifying glass in the direction of direct sunlight, so as not to cause fire.
2. Do not use the magnifying glass to observe the sun so as not to burn your eyes.
3. Please clean the lens with a soft cloth or a mirror paper.
4. Lenses can also be cleaned with a small amount of detergent and wet cloth, and then wipe with clean wet cloth.
5. Do not use alcohol, gasoline and other chemical liquids to wipe lenses and shells.