COXO®



Medical Loupes

Instruction Manual

Foshan COXO Medical Instrument Co.,Ltd.

CE

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INTRODUCTION

Thank you for choosing

Before use, please check if the product and accessories are complete. Please read thismanual carefully before use.

Adaptation Period

First-time use or switching to higher magnifi-cation may require a brief visual and spatial adaptation period. The magnified optics alter visual input, necessitating hand-eye coordination recalibration. Consistent use over approximately three weeks is recommended for the brain and motor functions to establish a new coordination model.

Cleaning & Maintenance

- Clean lenses with a dedicated lens solution or milds oapy water, using a soft cloth. Air dry or gently pat dry.
- For stubborn residue, use an Easysee cloth lightly moistened with 70% isopropyl alcohol.
- Regularly wipe all external components (frame, nose pads, tubes) to maintain cleanliness.

Warranty

A12-month limited warranty covers defects in materi-als and workmanship under normal use, verified by the manufacturer.

The device has a service life of 15 years and the date of manufacture is detailed on the label.

This warranty is voided by:

- Damage from misuse, improper operation, or unau- thorized modifications.
- Liquid or substance ingress.
- Accidents, natural disasters, or repairs by non-au-thorised personnel.

Product list:

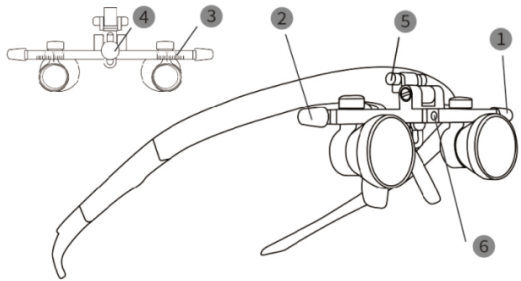
Pic				
Name	Loupe	Cleaning cloth	Screwdriver	String
QTY	1	1	1	1
Pic				
Name	Instructions	Maintenance	Leather box	
QTY	1	1	1	

Handling Precautions

- Handle with care to avoid internal damage from impact or crushing.
- Protect lenses from contact with hard objects to prevent coating scratches.
- Avoid exposure to moisture, extreme heat, direct sunlight, chemicals, and corrosive substances.
- Store in the provided case or a dry, clean environment after use.
- Adjust components without excessive force to prevent mechanical damage.
- Cease use immediately and contact service for loose components, cracked lenses, or other abnormalities. Unauthorized disassembly voids the warranty.

Product Performance & Structure

Composed of an optical system and frame, this optical magnifier utilizes the principles of lens magnifi-cation and microscopic amplification to enhance visibility.



①+② IPD Adjustment knob
③ IPD scale
④ Height adjustment knob
⑤ Tilt adjustment joint
⑥ Headlight slot

Specification:

Magnification	Working Distance	Field of View	Depth of Field
2.5X	450mm	105mm	200mm
3.5X	450mm	65mm	200mm

INTRODUCTION

1. Adjusting Interpupillary Height

If the tube height does not align with your eyes after wearing the loupe, adjust the tube height using the following methods:

1.1 Adjust the Nose Pad Height: Pinch the two legs of the nose pad and pull downward to raise the interpupillary height, or push upward to lower it.

1.2 Adjust the Nose Pad Angle: Spread the two arms outward to lower the interpupillary height; bring them inward to raise it.

1.3 Adjust the Optical System Height: Loosen the height adjustment knob counter-clockwise, then move the bracket and optical system up or down. Once the target object is centered in the field of view, tighten the knob to secure the position.



Figure 1.1

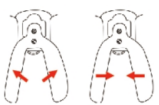


Figure 1.2

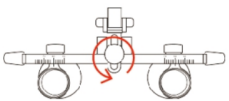


Figure 1.3

2. Adjusting the Tilt Angle

When viewing a target object at working distance through the loupe, adjust the tube as follows:

If the upper part of the field of view is shaded (as shown in Figure 1), slide the tube downward.

If the lower part is shaded, slide the tube upward (as shown in Figure 2).



Figure 1



Figure 2



3. Adjusting Interpupillary Distance

While observing a target object at working distance through the loupe, if the images seen by the left and right eyes do not merge, adjust knobs 1 and 2 until the two complete images overlap into one.

Figure 1: Partial overlap of images A and B - decrease the interpupillary distance.

Figure 2: Images A and B fully overlapped - optimal interpupillary distance.

Figure 3: Excessive overlap of images A and B 1.2 Adjust the Nose Pad.

Angle: Spread the two arms increase the interpupillary distance



Figure 1

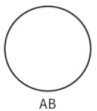
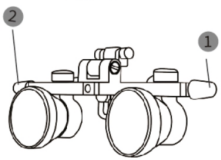


Figure 2



Figure 3



Note:

Turn the knobs(①+②) inward to decrease the IPD, outward to increase the IPD.