

LENS INSPECTION STATION + USER MANUAL



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Steps:

A. Put PAL/Inspection Top lens on the upper window. The direction mark is aligned with U-shaped groove.

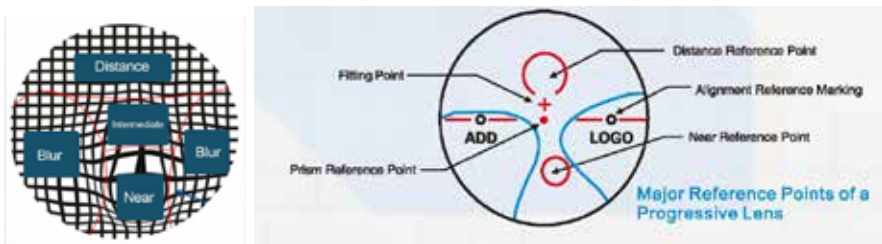
B. Put PAL BOTTOM lens on the lower window. The direction mark is aligned with U-shaped groove.



C. Power on. Put the progressive lens above the parallel light grid and observe the four areas of the lens.

D. After confirming the four areas, keep the distant area and near area in a horizontal line and find out the invisible marks on both sides.

E. ADD value is usually on one side and the brand marks would be on the other side.



4) Function II – Polariscope

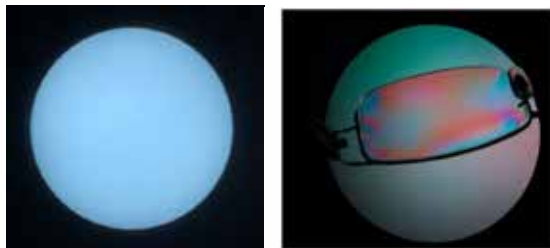
Steps:

A. Put Polariscope TOP lens on the upper window. The direction mark is aligned with U-shaped groove.

B. Put Polariscope BOTTOM lens on the lower window. The direction mark is aligned with U-shaped groove.

C. Put the assembled lens between two polarized lenses.

D. If it shows the same as below picture, the lens stress is not in a balance. The imbalance is proportional to the darkness of the color. The lens stress can be reduced by edging the darkest part of the lens.



4) Rotate the angle adjustment knob, the inclination of the base can be adjusted.



3. Operation Procedures

1) Connect Power

Insert the power adapter and turn on the machine.

Rechargeable batteries and DC power supply are both available. With the rechargeable batteries inside, after connecting power, DC power supply mode will be enabled first.

2) Select the inspection lenses

On each lens, there are fingerprint mark and direction mark, as below picture. It's much easier to take out the lenses with the fingerprint mark. When you put the lens back, the direction mark must be aligned with the slot, then insert the lens.

3) Function I - PAL Identifier

With black grid, LED backlight and high magnification lens, you could inspect the progressive lenses (multifocal lenses) easily and efficiently.

- ◆ Manufacturers' marks
- ◆ Lens type ID
- ◆ Invisible Marks
- ◆ ADD power



Polariscope TOP



Polariscope BOTTOM

2. Installation

1) Loosen two screws at the bottom, remove the cover.



2) Loosen two screws on the L-shape frame. Insert the frame into the base.



3) Fasten two screws at the bottom to fix the frame. Install the back cover and fasten the screws. Then, the installation of the lens inspection station is completed.

1. Configuration

1.1 Main body



- 1. Upper Inspection Window
- 2. Frame
- 3. Lower Inspection Window
- 4. Lens Storage Slot
- 5. Power Indicator Light
- 6. Power Switch
- 7. Battery Chamber

- 8. Operation Indicator Light 1
- 9. Operation Indicator Light 2
- 10. Operation Indicator Light 3
- 11. Power Socket
- 12. Lens Storage Slot
- 13. Angle Adjustment Knob

1.2 Lenses



PAL/Inspection TOP



PAL BOTTOM



Inspection BOTTOM

If Lens stress has not been dealt with properly, the patient looks forward without any problem, but when he looks aside, he would feel uncomfortable and unclear view exists. This situation usually appears on the full or half frame eyeglasses, but not for the rimless ones.

The stress of PC lens can't be avoided. However, the imaging quality will be much better if the lens stress is small.

5) Function III - Final Inspection

Steps:

- A. Put PAL/Inspection TOP lens on the upper window. The direction mark is aligned with U-shaped groove.
- B. Put Inspection BOTTOM lens on the lower window. The direction mark is aligned with U-shaped groove.
- C. Put the lens between the inspection lenses. Observe the surface of the lens.
- D. Scratching, bubbling and other coating problems can be checked out.

4. Operation Indicator Light



Operation Indicator Light Instructions					The order of the indicator lights
Indictor Status	Operation Indicator 1	Operation Indicator 2	Operation Indicator 3	Note	At the battery chamber side, from left to right:
5V DC power, without battery	flash	on	on	Without battery, indicator 1 flashes	Operation Indicator 1: Charging(red)
5V DC Power, with battery	on	off	on	The batteries are not fully charged	Operation Indicator 2: Full(green)
	off	on	on	The batteries are fully charged	
Battery Power	off	off	on	5V DC power is not connected	Operation Indicator 3: Booster(green)

5. Accessories

- A. 5X lenses
- B. Power adapter



6. Cleaning and maintenance

Keep the lens inspection station dry and clean. Please clean it with lens cleaner or soft cloth.
Caution: please do not clean with alcohol or any corrosive cleanser to avoid damage of the surface.

7. Trouble Shooting Guide

1) Connect the power and turn on the machine. If the light is not on, it may be caused by the bad connection of the power socket. Rotate the power adapter connection port slightly to check if the machine could light up.

2)When the machine uses the battery power, if the light of the lower inspection window flashes, it means the voltage is lower than 2.8V, please charge the batteries or use AC power.

If it still can't work, please contact the Repair department or an authorized distributor.

8. Specifications:

- 1) Power: AC 100-240V 50-60Hz 0.4A
- 2) Power Adapter: DC 5V-6.5V 3A (6.5V MAX)
- 3) Dimension: 230*150*320mm
- 4) Weight: 1.65kg
- 5) Optional accessory: 18650 rechargeable battery(12580mWh) * 2

Subject to change in design or specifications without advance notice

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