

# UTF5080-Pro User Manual



## Introduction

Thank you for choosing this trial frame. It is the Trial Frame that ophthalmologist and optometrists have been asking for, easy to use and durable. This trial frame is lightweight and only 55g. It is easy to use by the ophthalmologists and optometrists with less adjustment needed to obtain a proper and comfortable fit onto your patient. The lightweight construction made of plastic and metal could ensure many years of use.

## Specification

### 1) Range of interpupillary distance adjustment:

Binocular interpupillary distance: 50~80mm

Monocular interpupillary distance: 25~40mm

Minimum scale: 1mm

### 2) Tolerance of interpupillary distance value: $\pm 0.5\text{mm}$

### 3) Dial scale of axis:

Left dial:  $130^{\circ} \sim 0^{\circ} \sim 140^{\circ}$

Right dial:  $40^{\circ} \sim 180^{\circ} \sim 50^{\circ}$

The axis scale increases counterclockwise along the axis of the dial, a minimum scale is  $5^{\circ}$ .

- 4) Inner diameter of holder:  $\Phi 33.5\text{mm}$ .
- 5) Numbers of lenses inserted simultaneously in the left of right holder : 5 pcs
- 6) Rotating angle of lenses:  $360^\circ$
- 7) Adjustable range of nose rest:  
Height:  $0\sim 23\text{mm}$   
Angle:  $0^\circ\sim 360^\circ$
- 8) Weight: 55g

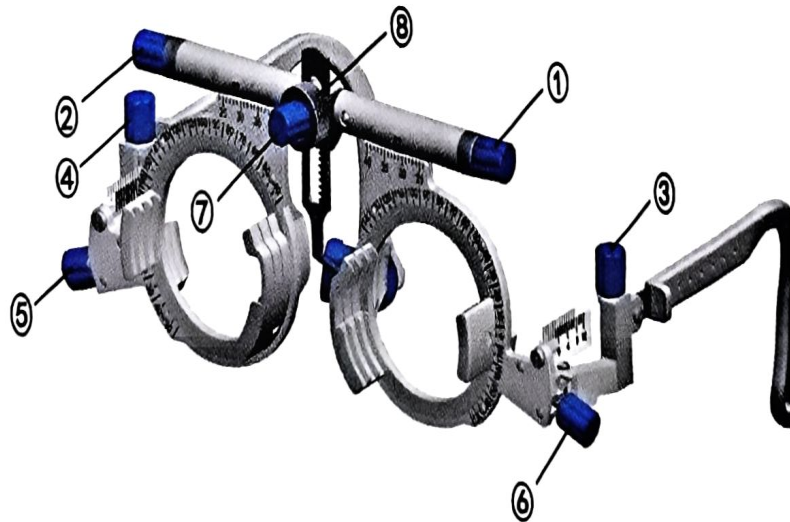


Fig. 1

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## Instructions

### 1) Interpupillary distance adjustment

Knob 1 and Knob 2 are used to adjust the left and right interpupillary distance to the required position. See figure 1.

### 2) Adjustment for inclination of temple

Turn knob 3 and Knob 4 to adjust the angle of inclination of left temple and right temple, and make it to a proper angle for wearer. See figure 1.

### 3) Astigmatism axis adjustment

For a better optometry, you can turn knob 5 or knob 6 in figure 1 to adjust the axial position of the lens in front of the left or right eye, then to achieve the desired axial scale.

### 4) Nose rest adjustment

Turn lock-nut 8 counterclockwise to release nose bridge, and turn knob 7 to adjust the height of nose rest, also adjust nose bridge front and back to the proper angle. Then, fasten the lock-nut 8 clockwise.



#### 5) Length adjustment of temple

The length of the temple can be adjusted according to the use of the wearer.

After opening packaging, the initial state of the temple length is the shortest length. If the length need to be adjusted, pull the plastic part in the direction of the arrow (figure 2) to get the desired length. The minimum step is 5mm. DO NOT push too hard when pulling so as not to damage the parts.

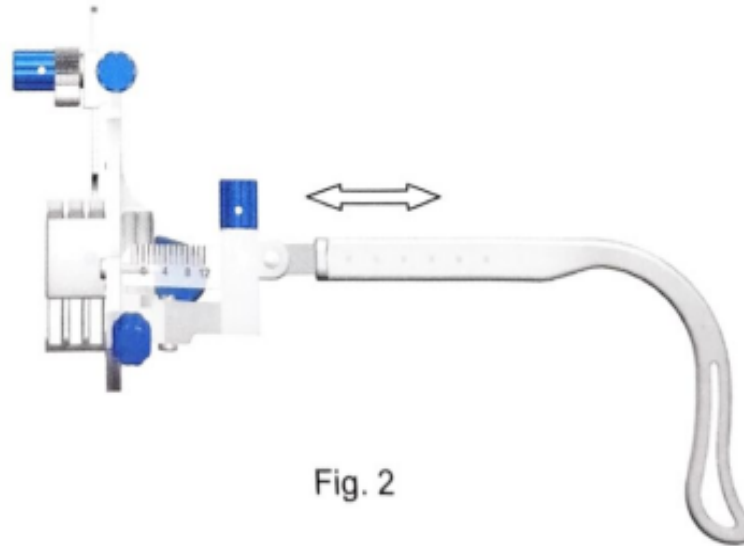


Fig. 2

#### 6) Insert lenses

The plastic holders are elastic and used to fix the lenses, there are 3 slots in front and 2 slots at back. When loading lenses, please push lens along the slots into holders. DO NOT push or pull too hard when installing so as not to damage the parts.

