

# User's Manual



## TRIAL FRAME TF-70 -USER GUIDE

### • Brief

This Trial Frame TF-70 is widely used in spectacles shops, schools and hospitals for the optometry and ophthalmic examination. It's reasonable, safe and easy to use.

### • Main Technical Indexes

#### 1) Range of PD adjustments:

PD of both eyes: 50~80mm

Left or right PD: 25~40mm

Minimum scale Value: 1mm

#### 2) PD tolerance: $\pm 0.5\text{mm}$

#### 3) Scale panel on each disk:

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

right disk:  $40^{\circ} \sim 180^{\circ} \sim 50^{\circ}$

Axial scale increases counterclockwise along the lens frame axis, and the minimum scale is  $5^{\circ}$ .

#### 4) Inner diameter of lens frame: $\Phi 34.5\text{mm}$

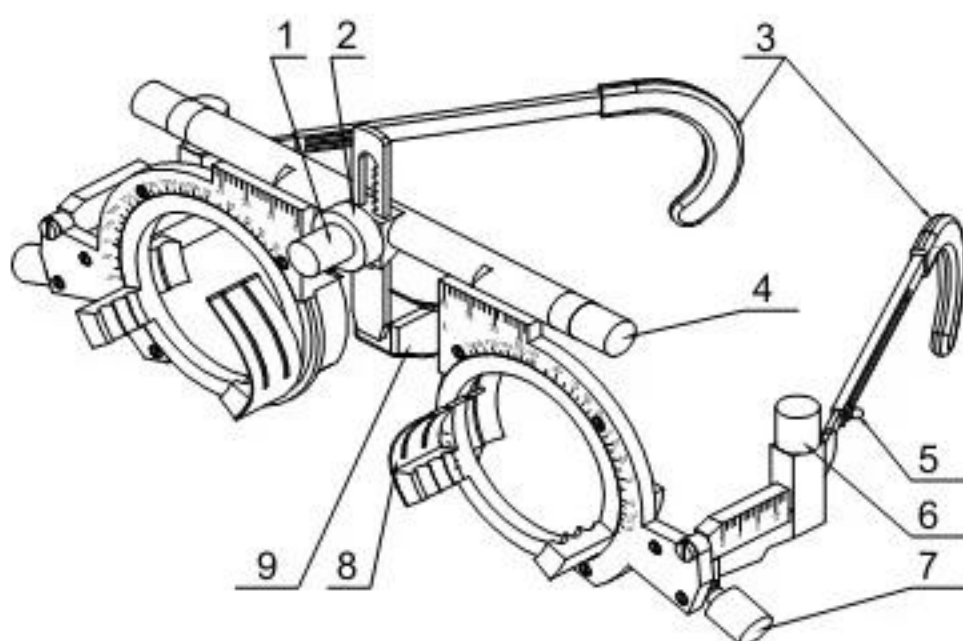
#### 5) Number of lens holder for left or right lens frame: 5pcs

#### 6) Degree of lens rotating around optical axis in the lens frame: $360^{\circ}$ .

#### 7) Range of nose pad adjustment: Length: 0~23mm; Angle: $0^{\circ} \sim 360^{\circ}$ .

#### 8) Weight: 61g.

### • Instruction for Use



**Sketch of Trial Frame TF-70**

1. Nose pad adjustment knob
2. Nose pad locknut
3. Temple
4. PD adjustment knob
5. Temple's length adjustment block
6. Temple's angle adjustment knob
7. Cylindrical axis adjustment knob
8. Lens holder

### 9. Nose pad

#### 1) PD Adjustment

The left and right pupillary distances of this frame are adjustable. According to the PD of a testee, turn left and right PD adjustment knob (part 4) respectively to the correct position.

#### 2) Temple adjustment

Pull the temple's length adjustment block (part 5) to adjust the length of the left and right temple. Turn Temple's angle adjustment knob (part 6) to adjust the angle of the ear-hangers, and ensure the angle is proper to testees.

#### 3) nose pad adjustment

Adjust the height by nose pad adjustment knob (part 1) and adjust front and back angle manually. Fasten the nose pad locknut (part 2) after adjusting it to a proper position.

#### 4) adjustment of cylindrical and prismatic axis

After the lenses inserted into the lens holders (part 8), adjust the Cylindrical axis adjustment knob (part 7) to adjust the axis.

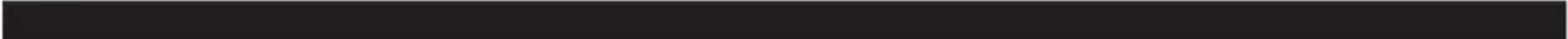
### • Notes

**1** Fine and precise adjustment of the product has been made before delivery. Please do not dismantle it to guarantee its measuring precision.

**2** In order to guarantee the service life, please avoid severe shock or impact to prevent the components from damage of deformation.

**3** This product is used in the normal temperature. Please keep dry and ventilated. Also keep the scale panel and PD rod clean. Wipe off the dirt and blot with soft cloth.

**4** Use this trial frame in the available measuring scope.



TF-70 TRIAL FRAME