

Optical Trial Frame, Fixed 64 mm PD

Instructions for Use

Ophthalmic Refraction Instrument

Intended use

Lightweight frame that holds trial lenses in front of the patient's eyes during subjective refraction, with rotating lens cells for setting cylinder axis.

Intended users

For use by trained healthcare professionals (optometrists, ophthalmologists, opticians and supervised trainees). Follow your facility's protocols and applicable regulations.

Read this manual completely before first use and keep it with the product. This document provides general operating, care and safety guidance. Where the product is supplied with manufacturer labeling or instructions, those take precedence. For questions, a replacement copy, or a digital copy of this manual, email sales@scimedstore.com.

1. Safety

Safety warnings and cautions

- For use by trained healthcare professionals. Follow your facility's protocols and applicable regulations.
- The PD is fixed at 64 mm. Check that the frame centers reasonably on the patient's pupils; use an adjustable-PD frame where accurate centration is needed.
- Clean the frame between patients, especially the nose pad and temple tips.
- Insert and remove trial lenses carefully to avoid dropping them near the patient's eyes.
- Do not overtighten or force the lens cells or temples.
- Supervise children and elderly patients while wearing the frame.

2. Package contents

- Trial frame

Check contents on receipt. Report missing or damaged items to sales@scimedstore.com within 48 hours of delivery.

3. Specifications

Interpupillary distance	64 mm, fixed
Lens cell rotation	360-degree rotation with axis scale
Material	Nylon
Color	Grey
Lens compatibility	Standard trial lenses, 38 mm cell diameter

4. Unpacking and setup

- 1 Inspect the frame for cracks and check that the lens cells rotate smoothly.
- 2 Clean the frame before use.
- 3 Prepare the trial lens set and occluder.

5. Operation

Fitting the frame

- 1 Seat the patient comfortably at eye level.
- 2 Place the frame on the patient, resting on the nose with the temples over the ears.
- 3 Check that the lens cells are level and centered in front of the pupils as closely as the fixed PD allows.
- 4 Ask the patient whether the frame is comfortable and stable.

Using trial lenses

- 1 Insert lenses into the cells according to your refraction routine; place spherical lenses in the back cells and cylinders in the front cells where applicable.

- 2 To set a cylinder axis, rotate the lens cell until the lens axis mark lines up with the required value on the axis scale.
- 3 Occlude the eye not being tested as required.
- 4 Change lenses one at a time, holding them by the rim.
- 5 Record the final lens powers and axes before removing the lenses.
- 6 Remove all lenses and then remove the frame from the patient.

6. Cleaning and disinfection

- Wipe the frame with a soft cloth dampened with mild soap and water or a disinfectant compatible with nylon, per facility protocol.
- Dry with a soft cloth.
- Do not use solvents or abrasive cleaners.
- Do not autoclave unless labeled as autoclavable.

7. Maintenance and storage

- Store the frame in a clean, dry place, away from heat and direct sunlight.
- Keep the frame separate from heavy objects that could bend or crack it.
- Check periodically that the axis scale is legible and the cells rotate freely.

8. Troubleshooting

Problem	Likely cause	What to do
Lens falls out of the cell	Lens not fully seated or wrong size	Reseat the lens fully; use 38 mm trial lenses.
Cell will not rotate	Dirt in the cell or lens jammed	Remove lenses and clean the cell.
Frame sits crooked	Uneven nose or ear position	Reposition the frame and check it is level.
Patient reports blur not explained by the lenses	Poor centration with fixed PD	Use an adjustable-PD frame or verify centration.

9. Disposal

- Clean the frame before disposal.
- Dispose of as plastic waste in accordance with local regulations.

10. Warranty and support

Products are covered by SciMed's standard warranty (12 months from purchase unless a different period is stated on your invoice). Warranty terms: scimedstore.com/pages/warranty.

Support, spare parts and additional copies of this manual: sales@scimedstore.com. Please include your order number and a photo of the product or issue.

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