

3-Mirror Gonioscope Lens (Goldmann-Style)

Instructions for Use

Ophthalmic Diagnostic Lens

Intended use

A slit-lamp contact lens with three angled mirrors and a central viewing window for examination of the anterior chamber angle, the peripheral retina and the posterior pole.

Intended users

Ophthalmologists, optometrists and trained eye-care professionals. For use by trained healthcare professionals. 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.
- Inspect the contact surface before each use; do not use a lens that is chipped, cracked or scratched.
- Use only a coupling solution intended for ophthalmic contact lenses.
- Apply the lens gently; do not press hard on the globe.
- Clean and disinfect the lens between patients to prevent cross-infection.
- Do not autoclave. Heat can damage the coating and optics.
- Do not use alcohol-based or abrasive cleaners on the anti-reflection coating.

2. Package contents

- 3-mirror gonioscope lens
- Protective case

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

3. Specifications

Type	Goldmann-style 3-mirror contact lens
Mirror angles	59° / 66° / 73°
Mirror arrangement	120° intervals
Central window	Direct posterior pole viewing
Material	Optical glass with anti-reflection coating
Contact	Requires ophthalmic coupling gel
Storage	Protective case included

4. Unpacking and setup

- 1 Check that the lens has been cleaned and disinfected and is completely dry.
- 2 Inspect the contact surface and mirrors for damage.
- 3 Prepare the slit lamp with low illumination and the appropriate magnification.
- 4 Have the coupling gel ready.

5. Operation

Placing the lens

- 1 Prepare the patient's eye according to clinical protocol.
- 2 Fill the concave contact surface with coupling gel, avoiding air bubbles.
- 3 Ask the patient to look up, place the lower edge of the lens on the lower eye, then tilt it onto the cornea.
- 4 Ask the patient to look straight ahead and hold the lens lightly in place.

- 5 Check for bubbles; if present, remove and reapply the lens.

Examination

- 1 View the posterior pole through the central window.
- 2 Use each mirror to view the area opposite the mirror's position.
- 3 Rotate the lens to view the full 360°, keeping it in gentle contact with the eye.
- 4 Adjust slit width, beam angle and illumination as needed.
- 5 Interpret findings according to clinical judgment.

Removing the lens

- 1 Ask the patient to look up.
- 2 Gently break the suction by pressing on the eyelid at the lens edge or tilting the lens.
- 3 Remove the lens and rinse away gel from the patient's eye as directed by clinical protocol.

6. Cleaning and disinfection

- Rinse off coupling gel with clean water immediately after use.
- Clean gently with a mild, alcohol-free lens cleaning solution.
- Disinfect between patients using a high-level disinfectant approved by your facility, following its contact time and rinsing instructions.
- Rinse thoroughly and dry with lens tissue.
- Clean and disinfect per facility protocol; do not autoclave unless labeled as autoclavable.

7. Maintenance and storage

- Store clean and dry in the protective case.
- Do not store with gel or disinfectant residue on the lens.
- Protect the lens from impact and from contact with hard surfaces.
- Inspect regularly for scratches and coating damage.

8. Troubleshooting

Problem	Likely cause	What to do
Air bubbles in the view	Not enough gel or poor placement	Remove the lens, add more gel and reapply
Hazy or reduced image	Gel residue or dirty mirror	Clean and dry the lens
Glare or reflections	Light beam angle or illumination too high	Adjust beam angle and reduce brightness
Lens does not stay in place	Gel too thin or patient blinking	Use a suitable coupling gel and ask the patient to fixate

9. Disposal

- Dispose of a damaged lens according to your facility's procedure for medical equipment.
- Dispose of used coupling gel and wipes as clinical waste per local rules.

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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