

YAG Laser Contact Lens - Capsulotomy / Iridectomy

Instructions for Use

Ophthalmic Diagnostic Lens

Intended use

A contact lens used at the slit lamp during Nd:YAG laser posterior capsulotomy or peripheral iridectomy. It helps hold the eyelids open, stabilizes the eye and focuses laser energy at the treatment plane.

Intended users

Ophthalmologists trained in Nd:YAG laser procedures. 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.
- Laser settings are set according to clinical protocol and the physician's judgment.
- Follow your facility's laser safety rules, including eye protection for staff.
- Use the correct variant for the procedure (Iridectomy or Capsulotomy).
- Inspect the lens before each use; do not use if chipped, scratched or if the button is loose.
- Clean and disinfect between patients.
- Do not autoclave; heat can damage the coating and bonding.
- Do not use abrasives or alcohol on the anti-reflection coating.

2. Package contents

- YAG contact lens
- Protective velvet-lined case
- Cleaning cloth

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

3. Specifications

Lens design	Modified Goldmann-type fundus contact lens
Contact diameter	7.5 mm
Condensing button	Varies by variant: Iridectomy +70 D plano-convex / Capsulotomy +30 D
Rim	Anodized light metal
Coating	Anti-reflection coating on optical surfaces
Use with	Nd:YAG lasers

4. Unpacking and setup

- 1 Confirm the lens variant matches the planned procedure.
- 2 Make sure the lens has been cleaned, disinfected and dried.
- 3 Inspect the optical surfaces and rim.
- 4 Prepare coupling solution intended for ophthalmic contact lenses.

5. Operation

Placing the lens

- 1 Prepare the patient's eye according to clinical protocol.
- 2 Fill the contact surface with coupling solution, avoiding air bubbles.
- 3 Ask the patient to look up, place the lower edge of the lens on the eye and tilt it onto the cornea.

- 4 Hold the lens by the rim with gentle pressure and check for bubbles.

During the procedure

- 1 Position the patient at the slit lamp and focus through the condensing button on the target plane.
- 2 Keep the lens centered and stable throughout treatment.
- 3 Perform the laser procedure according to clinical protocol.
- 4 If bubbles or debris obscure the view, pause and reposition the lens.

Removing the lens

- 1 Ask the patient to look up.
- 2 Gently break the suction at the lens edge and remove.
- 3 Rinse the patient's eye as directed by clinical protocol.

6. Cleaning and disinfection

- Rinse off coupling solution immediately after use.
- Clean gently with mild soap and water using the cleaning cloth or lens tissue.
- Disinfect using a cold high-level disinfectant approved by your facility, following its contact time and rinsing instructions.
- Rinse thoroughly and dry.
- 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.
- Protect optical surfaces from scratches and impact.
- Inspect regularly for coating wear or loosening of the condensing button.
- Replace the lens if scratches are visible or optics are damaged.

8. Troubleshooting

Problem	Likely cause	What to do
Air bubbles in the view	Not enough coupling solution	Remove, refill and reapply
Hazy view	Residue or dirty optics	Clean and dry the lens
Lens slips	Too little coupling solution or patient movement	Reapply and ask the patient to fixate
Back-reflections	Lens tilted or coating worn	Re-center the lens; replace if coating is damaged

9. Disposal

- Dispose of a damaged lens according to your facility's procedure for medical equipment.

- Dispose of used wipes and coupling solution 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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