

EDL-90D DIAGNOSTIC AND LASER LENS

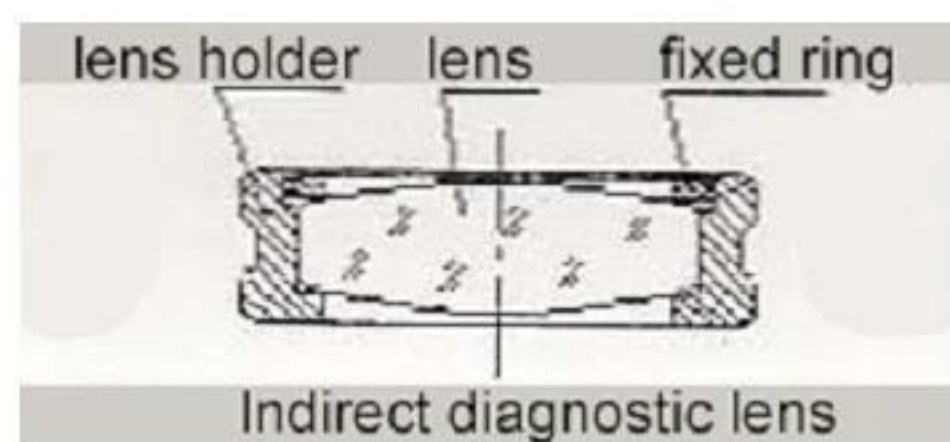
User's Manual



Image	14D	20D	28D	40D	78D	90D
Image Magnification X	4.29	2.97	2.11	1.68	0.93	0.65
Field of View	39 °	50 °	55 °	70 °	78 °	72 °
Working Distance mm	72	47	29	24.8	10	10
Focal Length mm	72.6	52.0	36.3	27.3	16.1	12.5
Clear Aperture mm	52	48	38	38	26	18
Lens Diameter mm	54	50	40	40	28	21

STRUCTURE

Indirect diagnostic lens consist of three parts: lens, lens holder and fixed ring.



USE

1. As a kind of iatrical magnifier, indirect diagnostic lens has a wide-angle. It can be used with slit lamp microscope retinoscope to diagnose the rear and bottom of the eye's vitreous body.
2. When used with slit lamp or ophthalmoscope with the lens, retina, second nerve, macula luteal and capillary vessel can be observed expressly. Without touching the patient's eye, the image has a wide angle of view, large image and strong third dimension etc.

DIRECTIONS FOR USE

1. The silver ring on the lens holder should be held toward the patient's eye during examination, which can ensure the right using direction and may provide for best image quality.
2. Keep the lens centering on the patient's pupil.
3. Hold the lens far enough from the patient's eye so that the retinal image has the same diameter with the lens.
4. Keep the illumination sources as dark as possible to minimize reflections and image contrast.
5. Keep the lens clean to minimize glare from the lens surface.

CLEANING

Clean with alcohol or the mixture of aether and alcohol.

DESINFECTION AND STERILIZATION

1. Soak in glutaraldehyde (2% or 3.4% aqueous solution) for a minimum exposure time of 20 minutes (refer to the manufacture's label for solution temperature recommendations).
2. Rinse lens thoroughly to remove disinfection solution. Three cycles of one minute, cool or tepid water is recommended.
3. Dry carefully and place in dry storage case.

WARNING

Indirect diagnostic lenses must never be steam autoclaved or boiled. Using gas is the only way to disinfect. Before using other common methods, you should contact our service department.

PACKAGING & TRANSPORTATION

During the transportation, take care to protect it from wetness, upside down and violent vibration.

STORAGE

This equipment should be stored in a well-ventilated room without corrosive gas.

OTHER

The product is guaranteed for 3 years against breakage, coating abrasion and defects in material and workmanship.



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