

## HEINE® LAMBDA 100 Retinometer

### For assessing potential visual acuity



The LAMBDA 100 Retinometer is the first compact instrument for assessing potential visual acuity of patients with cataracts and other opacities.  
LAMBDA 100 – clinically tested with excellent results.

- ⚡ **Simple, easy-to-use controls.** Reliable diagnosis, easy to operate.
- ⚡ **Compact, lightweight (100 g).** Can be used anywhere – even bedside.
- ⚡ **XHL Xenon Halogen Technology and brightness control.** Avoids patients discomfort from dazzle.

Three simple steps to potential acuity assessment with LAMBDA 100

1. Switch on instrument, select acuity, select grating angle, reduce ambient lighting.
2. Rest Retinometer against the patient's forehead. Scan the pupil with the red light spot to find a "window" through which the patient can recognize the grating pattern and identify its angle.
3. Select progressively-finer grating patterns with different angles until the patient can no longer recognize the angle. The value of the last recognizable angle indicates potential acuity.



[01]

LAMBDA 100 Retinometer	2.5V	3.5V
with acuity scale 20/300 to 20/25 (scale 2), without handle	C-001.35.015	C-002.35.015
with acuity scale 0.06 to 0.8 (decimal scale 1), without handle	C-001.35.010	C-002.35.010
XHL Xenon Halogen spare bulb	X-001.88.077	X-002.88.078
Patient card [01]	C-000.35.005	

### LAMBDA 100

Examples of various acuity grating patterns (visual angle 1°)



0°  
Visus = 0.5  $\left(\frac{20}{40}\right)$



45°  
Visus = 0.32  $\left(\frac{20}{60}\right)$



90°  
Visus = 0.06  $\left(\frac{20}{300}\right)$




HEINE® LAMBDA 100 Retinometer Sets



Set complete with: **LAMBDA 100 Retinometer** acuity scale 0.06 to 0.8 (scale 1)  
patient card  
spare bulb  
hard case

LAMBDA 100 Sets	2.5V
BETA battery handle	<b>C-187.10.118</b>

Set complete with: **LAMBDA 100 Retinometer** acuity scale 20/300 to 20/25 (scale 2)  
patient card  
spare bulb  
hard case

LAMBDA 100 Sets	3.5V NiMH	3.5V Li-ion
BETA R rechargeable handle for mains socket	<b>C-189.20.376</b>	<b>C-189.27.376</b>
BETA TR rechargeable handle with plug-in transformer	<b>C-189.20.384</b>	<b>C-189.27.384</b>
BETA NT rechargeable handle and NT 300 charger	<b>C-189.20.420</b>	
 BETA L rechargeable handle and NT 300 charger		<b>C-189.29.420</b>

: Rechargeable handle with charge status display in the bottom insert.

## Ophthalmic Examination Lamp

### For examination of the anterior segment and cornea in focal light



- ∴ **Small and light.** Ideal for house calls and rounds.
- ∴ **5 different apertures.** Helps detect erosion, edema and foreign bodies on the cornea.
- ∴ **Apertures focused at 100 mm working distance.**

Ophthalmic Examination Lamp	2.5V	3.5V
without handle	<b>C-001.14.400</b>	<b>C-002.14.400</b>

XHL Xenon Halogen spare bulb	<b>X-001.88.032</b>	<b>X-002.88.047</b>
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#### Aperture combination



Slit, three different spots, cobalt blue filter for fluorescence examination

## HEINE Finoff Transilluminator

### For scleral transillumination



[01]

- ∴ **Detachable Cobalt blue filter.** Suitable for fluorescence examinations.

Finoff Transilluminator	2.5V	3.5V
for scleral transillumination, without handle	<b>C-001.17.080</b>	<b>C-002.17.080</b>

XHL Xenon Halogen spare bulb	<b>X-001.88.077</b>	<b>X-002.88.078</b>
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Aperture with Cobalt blue filter for Finoff Transilluminator [01]	<b>C-000.17.081</b>	
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