

LAMBDA

HEINE® LAMBDA 100 Retinometer fit Heine handles

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 recognizeable angle indicates potential acuity.



[01]

LAMBDA 100 Retinometer	3.5 V
with acuity scale 20/300 to 20/25 (scale 2), without handle	C-002.35.015
with acuity scale 0.06 to 0.8 (decimal scale 1), without handle	C-002.35.010
XHL Xenon Halogen spare bulb	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 $\left(\frac{20}{300}\right)$



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HEINE® LAMBDA 100 Retinometer TL fit Welch Allyn handles

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XHL Xenon Halogen spare bulb	X-002.88.078
Patient card [01]	C-000.35.005

HEINE® LAMBDA 100 Retinometer Sets



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

LAMBDA 100 Sets	3.5 V (NiMH)
BETA battery handle	
BETA R rechargeable handle for wall plug-in	C-189.20.376

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



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