

## 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.



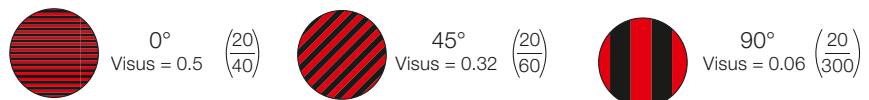
LAMBDA 100 Retinometer	AV	TL
with acuity scale 20/300 to 20/25 without handle	C-002.35.015	C-002.35.015TL
XHL Xenon Halogen spare bulb	X-002.88.078	X-002.88.044
Patient card [01]		C-000.35.005



[01]

#### LAMBDA 100



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





## HEINE LAMBDA 100® Retinometer Sets



Set C-189 complete with **LAMBDA 100 Retinometer**, acuity scale 20/300 to 20/25, patient card in hard case with:

LAMBDA 100 Sets	3.5V (NiMH)	3.5V 
BETA R rechargeable handle for mains socket	<b>C-189.20.376</b>	<b>C-189.27.376</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 LED charge status display in the bottom insert.

: To order your kit with the TL “Twist Lock” connection style, simply add the suffix “TL” to the end of the item number. e.g. B-141.20.376 TL for the set with Twist Lock.

HEINE Focalux®

Focusing pocket lamp for BETA handles



A focusing pocket lamp for the examination of the anterior chamber in focal light and for indirect ophthalmoscopy.

- ∴ **Small and light.** Ideal for house calls and rounds.
- ∴ **Light spot can be focused on the patient's pupil.** Perfect illumination of the fundus even with non-dilated pupils.
- ∴ **Intense illumination.** Bright fundus image.
- ∴ **+ 3 D lens attachment.** Aids accommodation and magnifies image.

<b>Focalux</b>	<b>AV</b>
with lens attachment	<b>C-002.14.102</b>
XHL Xenon Halogen spare bulb	<b>X-002.88.091</b>
Swivel lens attachment + 3 D only	<b>C-000.14.109</b>

\*Special Order - No Returns.

HEINE mini 3000 Focalux®

Focusing pocket lamp



Modern focusing pocket lamp in a compact design for the examination of the anterior chamber in focal light and for indirect ophthalmoscopy. Can only be used with the mini 3000 handle system.

- ∴ **Small and light.** Ideal for home visits.
- ∴ **Light spot can be focused on the patient's pupil.** Perfect fundus illumination even with non-dilated pupil.
- ∴ **Attachment clip with integrated on/off switch.** Secure. Switches off automatically when placed in the pocket. 20,000 switch cycles guaranteed.
- ∴ **High quality handle: Chrome finish upper section/refined plastic.** Shockproof, sturdy, non-slip.
- ∴ **Enhanced XHL Xenon Halogen Technology for more light.** Very bright, concentrated white light with high light intensity for a bright fundus image.
- ∴ **+ 3 D lens attachment.** Aids accommodation and magnifies image.
- ∴ **2 piece handle and head.** Easy to maintain, flexible.
- ∴ **Replaceable batteries.** Size AA, or optional rechargeable battery with mini NT charger\*.

<b>mini 3000 Focalux</b>	<b>2.5V</b>
with + 3D lens on mini 3000 battery handle, with batteries	<b>D-001.72.141</b>
without lens, <b>without</b> handle	<b>D-001.72.100</b>
XHL Xenon Halogen spare bulb	<b>X-001.88.042</b>
Swivel lens attachment + 3 D only	<b>C-000.14.109</b>

\*Special Order - No Returns.



\*To upgrade to a rechargeable instrument, with mini NT charger, please see page 146.

## 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.**

<b>Ophthalmic Examination Lamp</b>	<b>AV</b>
without handle	<b>C-002.14.400</b>
XHL Xenon Halogen spare bulb	<b>X-002.88.047</b>

\*Special Order - No Returns.

### Aperture combination



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

## HEINE Finoff Transilluminator



For scleral transillumination.

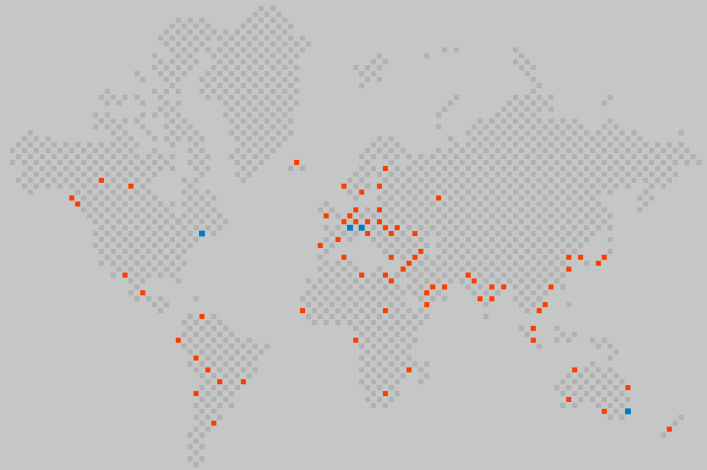
- ∴ **Cobalt blue filter accessory for 3.5V version.** Suitable for fluorescence examinations.

<b>Finoff Transilluminator</b>	<b>AV</b>	<b>TL</b>
for scleral transillumination, without handle	<b>C-002.17.080</b>	<b>C-002.17.080TL</b>
XHL Xenon Halogen spare bulb	<b>X-002.88.078</b>	<b>X-002.88.044</b>
Cobalt blue filter for 3.5V Finoff		<b>C-000.17.081</b>

**A company makes history and gives a name to outstanding product quality: HEINE.**

Founded in 1946, family owned, rich in tradition and today international market leader in a complete range of diagnostic instruments. HEINE products meet all international standards (ISO/CE) and represent the leading edge in precision and ergonomic design. Ongoing dedication to research and development has created a solid and diverse technology base for continued quality and product leadership. Over 500 employees worldwide contribute to this success.

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