

HEINE® HSL 150 Hand-held Slit Lamp

For the examination of the anterior segment



Compact and lightweight, the portable HSL 150 is ideal for situations where a full-size slit lamp is not available or convenient. For the examination of the anterior segment in Human- and Veterinary medicine.

- ✧ **Slit size adjustable** from 0.2 mm x 10 mm to 4 mm x 14 mm.
- ✧ **6 x magnification.**
- ✧ **Blue interference filter (FITC)**, can be selected for corneal examination.
- ✧ **Multi-coated optics for maximum light transmission.**
- ✧ **2.5V or 3.5V XHL Xenon Halogen Technology** for bright, white light comparable with the brightness of a classic slit lamp.
- ✧ **The HSL 150 instrument head weighs just 70g**, the lightest slit lamp of its kind.

✧ Continuous slit adjustment

✧ Blue filter

✧ Ideal for domiciliary visits

HSL 150 for BETA or BETA SLIM handles	2.5V	3.5V
HSL 150, head only	C-001.14.602	C-002.14.602
XHL Xenon Halogen spare bulb	X-001.88.098	X-002.88.099
Replacement filter attachment for HSL 150	C-000.14.605	

HEINE® HSL 10x Loupe Attachment

Loupe attachment with 10x magnification



For HSL 150. With precision magnification optics for crisp, clear images.

- ✧ **10 x magnification** when combined with HSL 150 Loupe.
- ✧ **Increased working distance** from examiner to patient.
- ✧ **Large field of view.**
- ✧ **With an additional detachable eyepiece** to steady the instrument on the brow and avoid stray light. Can be replaced with a soft cap, suitable for spectacle-wearers.

HSL 10x Loupe Attachment	C-000.14.606
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HEINE® HSL 150 Hand-held Slit Lamp Sets



[01]





[02]

Set complete with: **HSL 150 Hand-held Slit Lamp**
BETA SLIM handle (compact)

Hand-held Slit Lamp Sets	2.5V	3.5V
BETA SLIM battery handle, in soft pouch, without spare bulb [01]	C-252.10.105	
same, with HSL 10x Loupe Attachment, spare bulb, in hard case [02]	C-268.10.105	
BETA SLIM rechargeable handle and NT300 charger, spare bulb, in hard case		C-266.20.470
same, with HSL 10x Loupe Attachment, in hard case		C-268.20.470

Set complete with: **HSL 150 Hand-held Slit Lamp**
spare bulb
BETA handle (standard size)
hard case



Hand-held Slit Lamp Sets	2.5V	3.5V (NiMH)	3.5V 
BETA battery handle	C-265.10.118		
same, with HSL 10x Loupe Attachment	C-267.10.118		
BETA R rechargeable handle for mains socket		C-265.20.376	C-265.27.376
same, with HSL 10x Loupe Attachment		C-267.20.376	C-267.27.376
BETA TR rechargeable handle with plug-in transformer		C-265.20.384	C-265.27.384
same, with HSL 10x Loupe Attachment		C-267.20.384	C-267.27.384
BETA NT rechargeable handle and NT 300 charger		C-265.20.420	
same, with HSL 10x Loupe Attachment		C-267.20.420	
 BETA L rechargeable handle and NT 300 charger			C-265.29.420
same, with HSL 10x Loupe Attachment			C-267.29.420

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

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 recognizeable 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	3.5V (NiMH)	3.5V 
BETA battery handle	C-187.10.118		
BETA R rechargeable handle for mains socket		C-187.20.376	C-187.27.376
BETA TR rechargeable handle with plug-in transformer		C-187.20.384	C-187.27.384
BETA NT rechargeable handle and NT 300 charger		C-187.20.420	
 BETA L rechargeable handle and NT 300 charger			C-187.29.420

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

LAMBDA 100 Sets	2.5V	3.5V (NiMH)	3.5V 
BETA battery handle	C-189.10.118		
BETA R rechargeable handle for mains socket		C-189.20.376	C-189.27.376
BETA TR rechargeable handle with plug-in transformer		C-189.20.384	C-189.27.384
BETA NT rechargeable handle and NT 300 charger		C-189.20.420	
 BETA L rechargeable handle and NT 300 charger			C-189.29.420

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

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 ophtalmoscopy. Can only be used with the mini 3000 handle system.

- ✦ **Small and light.** Particularly 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 returned to 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 miniNT table charger*.

mini 3000 Focalux	2.5V
with +3 D lens on mini 3000 battery handle, with batteries	D-001.72.141
without lens, without handle	D-001.72.100



[01]

XHL Xenon Halogen spare bulb	X-001.88.042
Swivel lens attachment +3 D only [01]	C-000.14.109



*To upgrade to a rechargeable instrument with miniNT table 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 100mm working distance.**

Ophthalmic Examination Lamp	2.5V	3.5V
without handle	C-001.14.400	C-002.14.400

XHL Xenon Halogen spare bulb	X-001.88.032	X-002.88.047
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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	C-001.17.080	C-002.17.080

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