



Hand-held retinoscopes for objective refraction.

The BETA200 Retinoscope is used for the exact measurement of the refractive error. Both myopia and hyperopia as well as astigmatism can be measured.

Two versions are available:

The Spot Retinoscope with a round light spot (available only as XHL variant) and the more widely-used Streak Retinoscope with a streak image which simplifies the examination.

***HEINE ParaStop**

The BETA200 Retinoscope with ParaStop features the latest multi-coated optics for an exceptionally bright fundus reflex and easier detection of the neutralisation point. ParaStop was developed by HEINE for the easy, precise selection of a parallel illumination beam. ParaStop simplifies and speeds up the precise detection of cylinder axis. ParaStop also simplifies the verification of the cylinder correction after refraction.

HEINE BETA® 200 LED Retinoscope with HEINE ParaStop®

With LED illumination in HEINE Quality – LED^{HQ}



Homogenous LED illumination for precise streak image quality offers an easy and quick observation of the fundus reflex.



- ✦ **ParaStop.** Precise, easy selection of a parallel beam.*
- ✦ **Brilliant, precise streak image** with a line width of typically 1.1 mm (ISO 12865 Standard <1.5mm) and a line length of 35 mm for a very bright, readily visible fundus reflex.
- ✦ HEINE has set a new standard which maintains that only the best is good enough, from the selection of materials to processing, from light intensity to dimmability, and from thermal management to a colour rendering index as high as possible.
That's what we call LED in HEINE Quality – or LED^{HQ}.
- ✦ **Patented, unique, stepless dimming** from 3% to 100% with practical one-finger operation.
- ✦ **Ergonomic shape.** Protects the examiner's orbita from stray light.
- ✦ **Metal controls.** Long-lasting.
- ✦ **Single control for vergence and rotation.** Comfortable operation.
- ✦ **Maintenance-free.** Dustproof. LED with virtually unlimited hours of working life.
- ✦ **Integrated polarisation filter.** Eliminates stray light and internal reflexes for a brighter fundus reflex.
- ✦ **Detachable brow rest.** Increased comfort and control during examination.
- ✦ **Holder for fixation cards (optional).** For dynamic retinoscopy.
- ✦ **Full functionality of the BETA200 LED is guaranteed with BETA Rechargeable Handles and the EN 100/EN 200 Wall Transformers.**

BETA200 LED Streak Retinoscope	LED
without handle	C-008.15.353
Fixation cards with holder for dynamic retinoscopy	C-000.15.360

- EXCLUSIVELY AT HEINE**
- ParaStop
 - Highly visible, bright fundus reflex
 - Metal controls





HEINE BETA® 200 Retinoscope with HEINE ParaStop®

With XHL illumination

Technical specifications as for BETA200 LED Retinoscope, except:

- : XHL Xenon Halogen Technology.
- : **Streak or Spot Retinoscope.** Simply by changing the bulb.
- : **Orange filter (optional).** Reduces patient dazzle without affecting the fundus reflex.



[01]

BETA200 Streak Retinoscope	2.5V XHL	3.5V XHL
with XHL Xenon Halogen bulb, without handle	C-001.15.353	C-002.15.353
XHL Xenon Halogen spare bulb	X-001.88.087	X-002.88.089
XHL Xenon Halogen spare bulb to convert to Spot Retinoscope	X-001.88.088	X-002.88.090
Orange filter for the bulb, for light-sensitive patients [01]	C-000.15.359	
Fixation cards with holder for dynamic retinoscopy	C-000.15.360	



HEINE Ophthalmic Diagnostic Sets

 with XHL or LED^{HO} illumination



Set complete with: **BETA 200 Streak Retinoscope in XHL or LED**

1 spare bulb for XHL version,
hard case

BETA 200 Retinoscope Sets	2.5V XHL	3.5V XHL	LED
BETA battery handle	C-034.10.118*		
BETA 4 USB rechargeable handle with USB cord and plug-in power supply		C-034.27.388	C-034.28.388
BETA 4 USB rechargeable handle		C-034.27.387	C-034.28.387
BETA 4 NT rechargeable handle with NT 4 table charger		C-034.23.420	C-034.24.420

* Also available with large battery handle **X-001.99.120** (doesn't fit into hard cases). Please specify with your order.

Set complete with: **BETA 200 S Ophthalmoscope, BETA 200 Streak Retinoscope both with XHL or LED,**

1 spare bulb for each instrument for XHL version
hard case



BETA 200S Diagnostic Sets	2.5V XHL	3.5V XHL	LED
BETA battery handle	C-262.10.118		
BETA 4 USB rechargeable handle with USB cord and plug-in power supply		C-262.27.388	C-262.28.388
BETA 4 USB rechargeable handle		C-262.27.387	C-262.28.387
BETA 4 NT rechargeable handle with NT 4 table charger		C-262.23.420	C-262.24.420

Set complete with: **BETA 200 Ophthalmoscope, BETA 200 Streak Retinoscope both with XHL or LED,**

1 spare bulb for each instrument for XHL version
hard case



BETA 200 Diagnostic Sets	2.5V XHL	3.5V XHL	LED
BETA battery handle	C-145.10.118		
BETA 4 USB rechargeable handle with USB cord and plug-in power supply		C-145.27.388	C-145.28.388
BETA 4 USB rechargeable handle		C-145.27.387	C-145.28.387
BETA 4 NT rechargeable handle with NT 4 table charger		C-145.23.420	C-145.24.420

