

**HEINE** QUALITY  
MADE IN GERMANY



∴ HEINE BETA 200 S® Ophthalmoscope

∴ HEINE BETA 200® Retinoscope



∴ **HEINE BETA 200<sup>®</sup> Retinoscope**  
A new benchmark.



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## [ HEINE BETA 200® RETINOSCOPE ]

ORDER NO [ HEAD ONLY ] : 3.5 V | [ C-02.15.353 ]

2.5 V | [ C-01.15.353 ]

**HEINE ParaStop® for total precision in selecting a parallel beam.**

The BETA 200 Retinoscope with ParaStop<sup>1)</sup> and the latest in multi-coated optics provides an exceptionally-bright fundus reflex for improved accuracy of diagnosis.

ParaStop was designed and developed to simplify precise selection of a parallel illumination beam. ParaStop helps to determine the cylinder axis more precisely and speeds up subsequent testing after refraction.

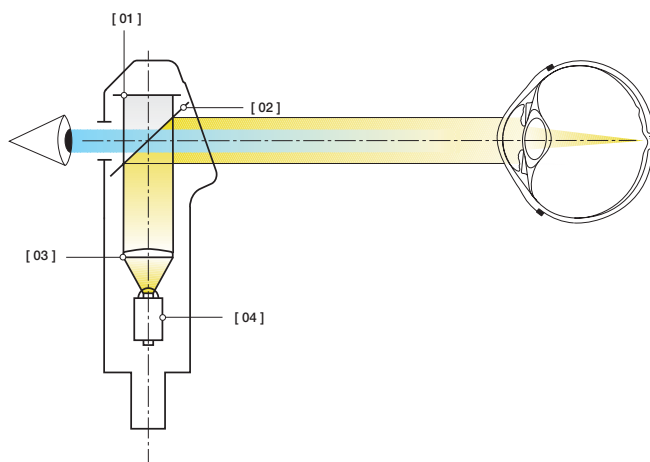
The internal polarisation filter in the BETA 200 eliminates stray light and internal reflex without reducing brightness.

1) U.S. Pat. 5.859.687

- ∴ **ParaStop** simplifies precise selection of a parallel beam.
- ∴ **Multi-coated optics** ensure bright, clear images.
- ∴ **The internal polarisation filter** eliminates stray light and internal reflex.
- ∴ **A single control sleeve** adjusts vergence of the beam and provides streak rotation.
- ∴ **The powerful, bright HEINE XHL® Xenon Halogen bulb** ensures easy recognition of neutralisation.
- ∴ **Can be changed from a streak to a spot retinoscope** by simply changing the bulb.
- ∴ **Instrument controls** are made of metal to guarantee lifelong precision and quality of operation.
- ∴ **Improved ergonomic shape** effectively shields the examiner's orbit from stray light.
- ∴ **Totally-dustproof,** maintenance-free.
- ∴ **Optional detachable orange filter** for light sensitive patients.
- ∴ **Optional holder** for fixation cards available.

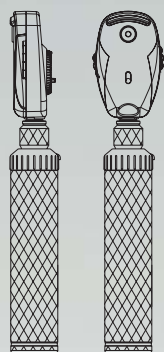
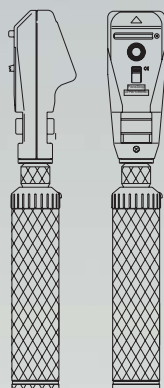
**ParaStop and polarisation filter**

- [ 01 ] Polarisation filter: eliminates internal reflex and stray light.
- [ 02 ] Semi-reflector mirror: Simultaneous illumination and observation. Reflected light from the retina enters the examiner's eye.
- [ 03 ] Condensor lens adjustable by a single control sleeve: Produces a divergent, convergent or parallel beam of light.
- [ 04 ] A special retinoscope bulb rotates for diagnosis of the cylinder axis.



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BETA 200 S  
OPHTHALMOSCOPEBETA 200  
RETINOSCOPE

[ INSTRUMENT HEAD ]	2.5 V	3.5 V		
<b>BETA 200 S OPHTHALMOSCOPE</b> including XHL Xenon Halogen bulb. Spare XHL Xenon Halogen bulb	[ C-01.30.120 ] [ X-01.88.069 ]	[ C-02.30.120 ] [ X-02.88.070 ]		
<b>BETA 200 STREAK RETINOSCOPE</b> including XHL Xenon Halogen bulb. Spare XHL Xenon Halogen bulb	[ C-01.15.353 ] [ X-01.88.087 ]	[ C-02.15.353 ] [ X-02.88.089 ]		
<b>BETA 200 SPOT RETINOSCOPE</b> including XHL Xenon Halogen bulb. Spare XHL Xenon Halogen bulb	[ C-01.15.363 ] [ X-01.88.088 ]	[ C-02.15.363 ] [ X-02.88.090 ]		
<b>[ SETS ]</b>	<b>BETA 2.5 V</b> battery handle	<b>BETA R 3.5 V</b> rechargeable handle	<b>BETA TR 3.5 V</b> rechargeable handle with transformer	<b>BETA NT 3.5 V</b> rechargeable handle with NT200 charger
<b>BETA 200 S OPHTHALMOSCOPE</b> complete with handle, hard case, spare XHL Xenon Halogen bulb	[ C-261.10.118 ]	[ C-261.20.376 ]	[ C-261.20.384 ]	[ C-261.20.420 ]
<b>BETA 200 STREAK RETINOSCOPE</b> complete with handle, hard case, spare XHL Xenon Halogen bulb	[ C-34.10.118 ]	[ C-34.20.376 ]	[ C-34.20.384 ]	[ C-34.20.420 ]
<b>BETA 200 SPOT RETINOSCOPE</b> complete with handle, hard case, spare XHL Xenon Halogen bulb	[ C-76.10.118 ]	[ C-76.20.376 ]	[ C-76.20.384 ]	[ C-76.20.420 ]
<b>BETA 200 S OPHTHALMOSCOPE</b> <b>BETA 200 STREAK RETINOSCOPE</b> complete with handle, hard case and one spare XHL Xenon Halogen bulb for each instrument	[ C-262.10.118 ]	[ C-262.20.376 ]	[ C-262.20.384 ]	[ C-262.20.420 ]
<b>[ ACCESSORIES ]</b>	<b>BETA 200 S</b> OPHTHALMOSCOPE	<b>BETA 200</b> STREAK RETINOSCOPE	<b>BETA 200</b> SPOT RETINOSCOPE	
Replacement bulbholder		[ C-00.15.355 ]	[ C-00.15.355 ]	
Bulb cover		[ C-00.15.356 ]	[ C-00.15.356 ]	
Brow rest		[ C-00.15.357 ]	[ C-00.15.357 ]	
Optional orange filter		[ C-00.15.359 ]	[ C-00.15.359 ]	
Fixation cards with holder		[ C-00.15.360 ]	[ C-00.15.360 ]	
Empty hard case for single instrument sets	[ C-144.06.000 ]	[ C-34.00.000 ]	[ C-34.00.000 ]	
Empty hard case for combined Ophthalmoscope/Retinoscope sets				[ C-145.00.000 ]

General Medicine



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Ophthalmology



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med 6500 e

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med 7000 e

Laryngoscopes



med 6000 e

Veterinary diagnostic instruments



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The philosophy: state-of-the-art technology of the highest quality. A complete range of instruments for routine diagnosis from a world market leader HEINE OPTOTECHNIK. Since 1947.

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## HEINE BETA 200® Retinoscopes with HEINE ParaStop®

### HEINE ParaStop® for total precision in selecting a parallel beam



➤ Patented ParaStop®

➤ Metal controls

➤ Dustproof

The BETA 200 Retinoscope with ParaStop features the latest multi-coated optics for an exceptionally bright fundus reflex and easier detection of the neutralization 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.

- **ParaStop (US Pat. 5,859,687).** Precise, easy selection of a parallel beam.
- **Dustproof.** Maintenance-free.
- **Single control for vergence and rotation.** Comfortable operation.
- **Integrated polarisation filter.** Eliminates stray light and internal reflexes for a brighter pupilling reflex.
- **Streak or spot Retinoscope.** Simply by changing the bulb.
- **XHL Xenon Halogen Technology.** Bright, white light. Bright fundus reflex, easy recognition of neutralization point.
- **Metal controls.** Long-lasting.
- **Orange filter (optional).** Reduces patient dazzle without affecting the fundus reflex.
- **Ergonomic shape.** Protects the examiner's orbita from stray light.
- **Holder for fixation cards (optional).** For dynamic retinoscopy.
- **Detachable brow rest.** Increased comfort and control during examination.

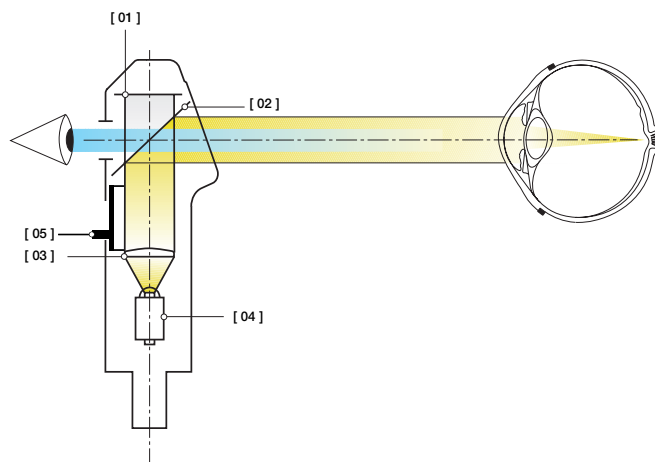
BETA 200 Streak Retinoscope	2.5V	3.5V
with XHL Xenon Halogen bulb	<b>C-001.15.353</b>	<b>C-002.15.353</b>
XHL Xenon Halogen spare bulb	<b>X-001.88.087</b>	<b>X-002.88.089</b>

BETA 200 Spot Retinoscope		
with HEINE XHL Xenon Halogen bulb	<b>C-001.15.363</b>	<b>C-002.15.363</b>
XHL Xenon Halogen spare bulb	<b>X-001.88.088</b>	<b>X-002.88.090</b>

Bulb holder	<b>C-000.15.355</b>
Bulb-cover	<b>C-000.15.356</b>
Detachable brow rest for spectacle-wearers	<b>C-000.15.357</b>
Orange filter for light-sensitive patients	<b>C-000.15.359</b>
Fixation cards with holder for dynamic retinoscopy	<b>C-000.15.360</b>

#### HEINE ParaStop® and polarisation filter

- [ 01 ] Polarisation filter: eliminates internal reflex and stray light.
- [ 02 ] Semi-reflector mirror: Simultaneous illumination and observation. Reflected light from the retina enters the examiner's eye.
- [ 03 ] Condensor lens adjustable by a single control sleeve: Produces a divergent, convergent or parallel beam of light.
- [ 04 ] A special retinoscope bulb rotates for diagnosis of the cylinder axis.
- [ 05 ] ParaStop simplifies and speeds up the precise detection of cylinder axis.





## HEINE BETA 200®/200 S® Ophthalmological Diagnostic Sets

Set complete with **BETA 200 Streak Retinoscope**, 1 spare bulb in hard case with:



	2.5V	3.5V
BETA battery handle	<b>C-034.10.118*</b>	
BETA R rechargeable handle		<b>C-034.20.376</b>
BETA TR rechargeable handle and transformer		<b>C-034.20.384</b>
BETA NT rechargeable handle and NT200 charger		<b>C-034.20.420</b>

Set complete with **BETA 200 Spot Retinoscope**, 1 spare bulb in hard case with:



	2.5V	3.5V
BETA battery handle	<b>C-076.10.118*</b>	
BETA R rechargeable handle		<b>C-076.20.376</b>
BETA TR rechargeable handle and transformer		<b>C-076.20.384</b>
BETA NT rechargeable handle and NT200 charger		<b>C-076.20.420</b>

Set complete with **BETA 200 S Ophthalmoscope**, **BETA 200 Streak Retinoscope**, 1 spare bulb in hard case with:



	2.5V	3.5V
BETA battery handle	<b>C-262.10.118*</b>	
BETA R rechargeable handle		<b>C-262.20.376</b>
BETA TR rechargeable handle and transformer		<b>C-262.20.384</b>
BETA NT rechargeable handle and NT200 charger		<b>C-262.20.420</b>

Set complete with **BETA200 Ophthalmoscope**, **BETA 200 Streak Retinoscope**, 1 spare bulb in hard case with:



	2.5V	3.5V
BETA battery handle	<b>C-145.10.118*</b>	
BETA R rechargeable handle		<b>C-145.20.376</b>
BETA TR rechargeable handle and transformer		<b>C-145.20.384</b>
BETA NT rechargeable handle and NT200 charger		<b>C-145.20.420</b>

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



Please note: BETA 3.5V rechargeable handles can be supplied with a Lithium battery (**X-007.99.381**) with increased capacity and no memory effect at extra cost. Please specify when ordering.

To order sets with 3.5V BETA handle with Li-ion battery technology, use the number "27" in the voltage designation. E. g. C-262.**27**.420 for the BETA 200 S Ophthalmological Diagnostic Set with BETA NT handle and charger.