

Indirect Ophthalmoscopes

OPTIMUM PERFORMANCE AND QUALITY

Ophthalmic instruments from HEINE set a benchmark for optical quality and reliable diagnostic performance in eye examination.

Absolute precision and image quality are the most important criteria in evaluation of ophthalmic instruments. This is why HEINE pays so much attention to the optical quality of all the components of an optical system, particularly the lenses, mirrors and lamps.

The unusually complete specification and flexibility of the instruments also contribute to the quality and reliability of the diagnosis.

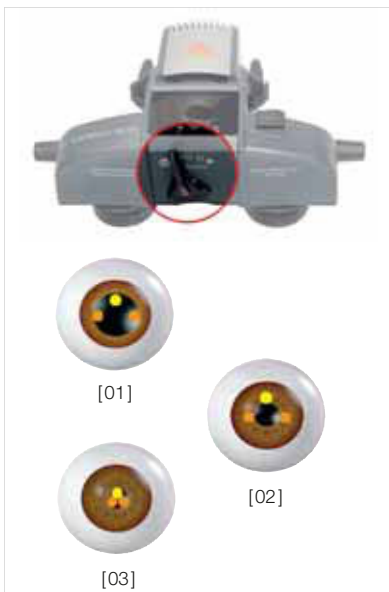
Synchronized convergence and parallax adjustment.
The best possible examination results with both dilated and non-dilated pupils down to 1 mm. High quality, stereoscopic fundus images through any pupil size.



HEINE Indirect Ophthalmoscopes



	Convergence and Parallax Adjustment				
Synchronised	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Separate			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Apertures					
•	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
•	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
•	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diffusor	<input type="checkbox"/>		optional	optional	optional
Filters					
•	<input type="checkbox"/>	<input type="checkbox"/>	optional	optional	optional
•	<input type="checkbox"/>		optional	optional	optional
•	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Versions					
Headband	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
S-Frame			<input type="checkbox"/>		
Teaching mirror	optional	<input type="checkbox"/>	optional	optional	optional
Brightness control					
On the Instrument	<input type="checkbox"/>				<input type="checkbox"/>
On the power source	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Headband-mounted battery					
Mobile power supply					
mPack UNPLUGGED	<input type="checkbox"/>				
mPack	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Stationary power supply					
Table- or / Wall Transformer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Mains Transformer	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>
Page	059	062	064	064/065	064/065



Synchronized Convergence and Parallax Adjustment System

The advanced One-Step Small and Variable Pupil Control maximizes stereopsis in dilated pupils and allows for the instant adjustment of the optical system to ensure fully illuminated, stereoscopic views through pupils as small as 1 mm in diameter.

- ∴ **Dilated Pupil.** In the case of a dilated pupil, the HEINE Synchronized Convergence and Parallax Adjustment System adjusts the left and right observation paths as far apart as possible (large angle of Convergence) providing for maximum stereopsis (depth perception). The illumination beam is automatically positioned as high as possible relative to the observation plane (creating a large angle of parallax) in order to maximize illumination and minimize unwanted reflections [01].
- ∴ **Undilated Pupils and viewing in the Periphery.** In cases of pupils that can not, or should not be dilated, a binocular view with full illumination is not possible without adjustments of the optical system [02]. By adjusting the Small and Variable Pupil Control Lever located on the bottom of the OMEGA Series instruments, the angle of convergence between left and right observation paths is reduced and the angle of parallax (light path) is automatically reduced in one, simple step. The observer can now enjoy a fully illuminated, binocular view with excellent stereopsis [03] even through a pupil as small as 1 mm in diameter, or in cases where the pupil appears as an ellipse as a result of viewing the periphery.

HEINE OMEGA 500® Binocular Indirect Ophthalmoscope

A new Dimension in Comfort, Performance and Flexibility



The evolution of the Binocular Indirect Ophthalmoscope. Unique **“Synchronized Adjustment of Convergence and Parallax”** for high quality, stereoscopic fundus images through any pupil size.

- ∴ Built on the **market-leading optical performance** of the OMEGA 180, the OMEGA 500 has been optimized for even better views of the fundus. Multi-coated illumination system, featuring a new XHL Xenon Halogen Technology bulb, reduces corneal reflexes and ensures clear, high-resolution images of the fundus which are up to 100% brighter.
- ∴ **Enhanced Small Pupil Function** – the “Synchronized Adjustment of Convergence and Parallax System”, which allows for the precise selection of observation and illumination optics for any pupil size, has been optimized for even better functionality in small pupils down to 1.0 mm.
- ∴ **Registered Design.**

Technical Specifications:

- ∴ **Apertures and Filters:** Can be “locked” into a desired position.
- ∴ **Adjustment Levers:** Also feature a “Friction-Clutch” (“Safety-Clutch”) to protect mechanisms from forced adjustment while in the “lock” position.
- ∴ **Increased PD Range:** From 46–74 mm.
- ∴ **Soft Touch Controls:** All key adjustment controls feature soft touch surfaces for precise and positive adjustment control.

∴ For any pupil size

∴ Unique Synchr. Adjustment

∴ Exceptionally light

∴ Dust proof

∴ UV / IR-free light



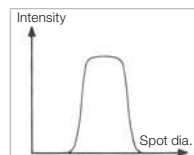
Separate fine-tuning of the illumination beam $\pm 4^\circ$ in addition to synchronized convergence and parallax adjustment.



HEINE Diffuser, 3 integrated Spot Sizes: Small spot, medium and large. 3 integrated Filters: Red-free, Cobalt Blue and Yellow filters.



Synchronized adjustment of convergence and parallax.



The HEINE diffuser can be selected to provide soft light, simplifying the examination and reducing glare and reflexes but maintaining excellent light intensity. Can be combined with all filters.

HEINE OMEGA 500® Headband

with unique features



- ∴ **Articulating Hinge** provides vertical adjustment of the rear band of the headband for individual placement. Secure and perfect fit for all shapes and sizes.
- ∴ **Ergonomic design** for optimal weight transfer across the surface of the entire headband (no pressure points).
- ∴ **Softer, malleable material.** Provides even and comfortable fit of the headband.
- ∴ **Calibrated Overband Position** ensures optics are in true horizontal position for precise adjustment and alignment.
- ∴ **Integrated cables** in overband eliminates the usual “cable loop” from instrument to headband.
- ∴ **Registered Design.**



[01]

Technical Specifications:

- ∴ **HC50 Headband Rheostat:** Easily mounted on the left or right sides of the headband [01].
- ∴ **Integrated flip-up adjustment:** To raise optics out of the line of sight. Can be mounted on the left or right side of the headband. Optics can be flipped and locked at 0°, 12.5°, 47.5°, 60° degrees [02].
- ∴ **Mechanically reinforced adjustment mechanisms:** For durability and precise adjustment of the headband.



[02]



HEINE OMEGA 500® Binocular Indirect Ophthalmoscope

Optimum performance and quality



[01]



[02]



[03]



[04]

OMEGA 500 Ophthalmoscope	6V
with XHL Xenon Halogen bulb (5W) on Headband (not including HC 50 Headband Rheostat)	C-004.33.500
same, with HC 50 Headband Rheostat	C-004.33.502
XHL Xenon Halogen spare bulb 6V, 5W, standard equipment	X-004.88.111
XHL Xenon Halogen spare bulb 6V, 10W, optional for twice the brightness (reduces operating time)	X-004.88.104
Extension Cord Cinch-Cinch, 2m [01]	C-000.33.510
Connecting Cord UNPLUGGED-Cinch to EN 50 charger/mPack /plug-in transformer for HC 50, 1,6m [02]	X-000.99.667
HC 50 Headband Rheostat (without plug-in transformer)	X-095.16.323
Plug-in transformer for HC 50 Headband Rheostat	X-095.16.320
Teaching mirror [03]	C-000.33.209

OMEGA 500 Kits

Recommended Product Order Configurations to ensure the most flexibility the OMEGA 500/EN 50 System has to offer. The following kits include main system elements but no carrying cases or ancillary accessories.

OMEGA 500 Kits	6V
Consisting of OMEGA 500 with XHL Xenon Halogen bulb (5W), HC 50 Headband Rheostat mounted on Headband	
Kit 1: with plug-in transformer for HC 50	C-004.33.531
Kit 2: with EN 50 transformer complete (incl. EN 50 Rheostat Control Module, Extension Cord Cinch-Cinch 2m, 90° Angled Adaptor, Instrument Support)	C-004.33.532
Kit 3: with mPack and plug-in transformer (incl. 90° Angled Adaptor) [04]	C-004.33.533
Kit 4: with EN 50-m charger (incl. mPack, 90° Angled Adaptor, Instrument Support)	C-004.33.534

HEINE OMEGA 500® Sets



Set complete with **OMEGA 500 Head-worn Indirect Ophthalmoscope**

1 Scleral depressor large, 1 Scleral depressor small, A.R. 20D Ophthalmoscopy-lens, Pad with 50 fundus charts, Teaching mirror, 1 spare bulb, in hard case with:

OMEGA 500 Sets	6V
HC 50 Headband Rheostat with plug-in transformer	C-275.40.320
EN 50 Transformer with Rheostat Control Module, HC 50 Headband Rheostat (incl. 90° Angled Adaptor, 2m Extension Cord Cinch-Cinch, Instrument Support)	C-275.40.300
EN 50-m Charger with mPack, HC 50 Headband Rheostat (incl. 90° Angled Adaptor, 2m Extension Cord Cinch-Cinch, Instrument Support)	C-275.40.302
mPack with plug-in transformer, HC 50 Headband Rheostat (incl. 90° Angled Adaptor)	C-275.40.670

HEINE OMEGA 500® UNPLUGGED

with headband battery mPack UNPLUGGED



100 % freedom of movement – no cable connections!
The OMEGA 500 Ophthalmoscope with mPack UNPLUGGED rechargeable battery allows one-of-a-kind mobility without restriction or hindrance caused by cables, cords, or similar connections.

- ∴ **Rechargeable battery integrated on the headband.** No interfering cable connections.
- ∴ **Lightweight with balanced weight distribution.** High level of comfort. Lightweight and compact.
- ∴ **mPack UNPLUGGED rechargeable battery.** Charging time 2 hours. Operating time 2 hours (with standard lamp 6V, 5W).
- ∴ **Charge Status Indicator.** Indication of remaining operating time.
- ∴ **Can be recharged by wall- or plug-in transformer.**
- ∴ **Intelligent charging system.** Automatic changeover from operating to charging mode (in the wall unit). Battery-friendly charging.
- ∴ **Direct operation possible while charging** through the use of the mobile plug-in transformer.
- ∴ **Top safety standards.** Integrated charge and performance checks during operation. Lithium polymer technology (selected non-flammable materials). UL-compliant.
- ∴ **System compatibility** with mPack for even greater capacity.

- ∴ 100 % freedom of movement
- ∴ Low weight
- ∴ Charge status indicator



OMEGA 500 UNPLUGGED Kits	6V
Consists of OMEGA 500 with XHL Xenon Halogen bulb (5W), HC 50 Headband Rheostat, without case:	
Kit 5: with plug-in Transformer UNPLUGGED, 1 x mPack UNPLUGGED	C-004.33.535
Kit 6: with Wall unit EN 50 UNPLUGGED charger, 2 x mPack UNPLUGGED	C-004.33.536
XHL Xenon Halogen Spare bulb 6V, 5W, standard	X-004.88.111
XHL Xenon Halogen Spare bulb 6V, 10W, optional for twice the brightness (reduces operating time)	X-004.88.104
Extension Cord from plug-in transformer UNPLUGGED to mPack UNPLUGGED, 2m	X-000.99.668

HEINE OMEGA 500® UNPLUGGED Set



Set complete with **OMEGA 500 UNPLUGGED**, 1 Scleral depressor large, 1 Scleral depressor small, A.R. 20D Ophthalmoscopy-lens, Pad with 50 fundus charts, Teaching mirror, 1 spare bulb, in hard case with:

OMEGA 500 UNPLUGGED Set	6V
mPack UNPLUGGED and plug-in transformer UNPLUGGED	C-282.40.670

HEINE OMEGA 200® Binocular Indirect Ophthalmoscope

Head-worn Indirect Ophthalmoscope with integrated teaching mirrors

The instrument of choice for teaching and operating rooms.



- ⚡ **Integrated teaching mirrors left and right.** Identical images for the examiner and two observers.
- ⚡ **Synchronized adjustment of illumination and observation beams.** Instant adjustment allows stereoscopic examination through pupils down to 1.2mm in diameter.
- ⚡ **Separate fine-tuning of the illumination beam $\pm 4^\circ$.** Ideal for difficult examinations (e. g. in the periphery).
- ⚡ **Quick-action hinged optics.** The optics swing into the stand-by position. When released, they return to exactly the same position as before.
- ⚡ **Light weight.** Ensures maximum comfort in long-term use.
- ⚡ **Multi-coated precision optics.** Exceptional quality of image and illumination without UV and IR.
- ⚡ **Complete range of accessories.** Individually-selected instrument kits possible.

OMEGA 200 Ophthalmoscope	6V
with XHL Xenon Halogen bulb and connecting cord (2 m)	C-004.33.210

XHL Xenon Halogen spare bulb	X-004.88.068
Extension Cord Cinch-Cinch, 2 m	C-000.33.510



Soft comfortable headband with cushions, adjustable for height and width. Aluminum frame, durable and dustproof.



Separate fine-tuning of the illumination beam $\pm 4^\circ$ in addition to synchronized convergence and parallax adjustment.



3 different apertures, integrated red-free and cobalt blue filters.



Instant adjustment for any pupil size. Aluminum optical frame and dustproof housing assure durability and reliability.



2 integrated teaching mirrors with identical images for the examiner and 2 observers.

HEINE OMEGA 200® Sets



Set complete with **OMEGA 200 Head-worn Indirect Ophthalmoscope**

1 Scleral depressor large, 1 Scleral depressor small, A.R. 20D Ophthalmoscopy-lens, Pad with 50 fundus charts, 1 spare bulb, in hard case with:

OMEGA 200 Sets	6V
EN 15 Plug-in Transformer with brightness control (incl. 2 m Extension Cord Cinch-Cinch)	C-162.40.300
EN 50 Transformer with Rheostat Control Module (incl. 90° Angled Adaptor, 2 m Extension Cord Cinch-Cinch, Instrument Support)	C-276.40.300
EN 50-m Charger with mPack (incl. 90° Angled Adaptor, Instrument Support, 2 m Extension Cord Cinch-Cinch)	C-276.40.302
mPack with plug-in transformer (incl. 90° Angled Adaptor, 2 m Extension Cord Cinch-Cinch)	C-276.40.670

HEINE Video OMEGA 2C®

Binocular Indirect Video Ophthalmoscope

The only Binocular Indirect Video Ophthalmoscope designed and developed entirely for video applications. Ideally suited for teaching, research, patient clarification, digital patient history and telemedicine.



- ∴ **Fully integrated camera system.** No external brackets or prisms.
- ∴ **Compact.** Lightweight camera design (65 g, camera head without cable, complete 250 g).
- ∴ **Water-proof camera head.** Can be placed in disinfectant solution (but cannot be autoclaved).
- ∴ **100 % dustproof system.** No maintenance required.
- ∴ **Optics specially-developed.** Maximum brightness.
- ∴ **High-resolution A-Cam camera.** CCD 470,000 Pixel, 460 lines.
- ∴ **Image sensor.** 1/2" CCD, color.
- ∴ **Focus adjustable for any working distance.** From 250 to 800 mm.
- ∴ **Automatic white balance.**
- ∴ **Automatic light metering at the center of the image.** Reduction in reflections.
- ∴ **Automatic light boost.** Boost function for examinations with low lighting.
- ∴ **Brilliant image with an S-VHS monitor.**
- ∴ **FBAS (composite) and Y/C (SVHS) outputs.** Extensive compatibility and high image quality.
- ∴ **Optional PAL or NTSC format.** Please specify when ordering.
- ∴ **Connecting cable.** 3 m.
- ∴ **Processor will connect to various output devices, such as: VCR's, digital printers, PC's with image capture software.**
- ∴ **Video OMEGA 2C can be supplied without a camera for users' own C-mount CCD cameras.**



Monitor not included.

Video OMEGA 2C Sets

Complete with optics and headband, A-Cam camera and processor, Video cable, S-VHS cable, EN50 Transformer with Rheostat Control Module, extension Cord Cinch-Cinch 2 m, large and small scleral depressors, AR 20 D lens, XHL Xenon replacement bulb and carrying case.

C-175.40.618

Video OMEGA 2C, optics, headband and bulb, without accessories.
Instrument with C-Mount, without A-Cam camera and processor.

C-004.33.214

Video OMEGA 2C, optics, headband and bulb, without accessories.
Instrument with A-Cam camera and processor.

C-004.33.212

A-Cam camera with processor (available systems: PAL or NTSC, please specify when ordering).

C-000.33.223

More information available on request.



HEINE SIGMA 150® Binocular Indirect Ophthalmoscope

Ophthalmoscope for spectacle and headband



⚡ Ultra light

👁 For any pupil size

🛡 Dust proof

The Spectacle Indirect Ophthalmoscope for any pupil size. Two separate controls let you select the **ideal setting for parallax and convergence to suit any pupil**. The illumination beam can be adjusted by $\pm 3^\circ$ to eliminate reflexes.

- ⚡ **6V/5W XHL Xenon Halogen bulb.** Bright, white light.
- ⚡ **Illumination beam adjustable $\pm 3^\circ$.** Eliminates reflexes.
- ⚡ **Integrated red-free filter.** Improves contrast. Versatile, fully-equipped.
- ⚡ **Detachable blue and yellow filters.** For Fluorescence Angioscopy.
- ⚡ **Dust proof.** Maintenance-free.
- ⚡ **P.D. selection from 48 to 74 mm.** Suits any user.
- ⚡ **Optics on swivel mount.** Unrestricted view.
- ⚡ **Extremely light, 90 g without frame.** Light and comfortable.
- ⚡ **Carbon Fiber Instrument Frame.** Light but very durable.
- ⚡ **Large and small apertures.**

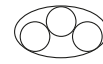
Simplified diagram of various beam configurations:
Large pupil – small pupil – peripheral view



Large pupil



Small pupil



Peripheral view

HEINE SIGMA 150® Accessories



[01]



[02]



[03]



[04]



[05]



[06]



[07]

S-Frame for SIGMA 150 and 150M2 Indirect Ophthalmoscope [01]	C-000.33.036
Teaching mirror [02]	C-000.33.302
Blue filter [03]	C-000.33.313
Yellow filter [04]	C-000.33.314
Diffusor [05]	C-000.33.315
Case for filters, empty [06]	C-000.33.316
XHL Xenon Halogen spare bulb 6V/5W [07]	X-004.88.093

HEINE SIGMA 150® Kits



SIGMA 150 with S-Frame



SIGMA 150 Kits	Without Power Source	With mPack	With E8 Transformer
SIGMA 150 with S-Frame			
SIGMA 150 S-Frame Retaining Cord Cleaning Fluid	C-004.33.350	C-004.33.351	(not compatible)



SIGMA 150 M2 with S-Frame and Micro Spot Aperture (instead of small aperture)			
SIGMA 150 M2 S-Frame Retaining Cord Cleaning Fluid	C-004.33.355	C-004.33.356	(not compatible)



SIGMA 150K on headband

SIGMA 150K on ergonomical headband with leather cushions, adjustable for circumference and height. Without headband rheostat.			
SIGMA 150 on Headband	C-004.33.325	C-004.33.329	(not compatible)

SIGMA 150K M2 on ergonomical headband with leather cushions, adjustable for circumference and height. Without headband rheostat. With Micro Spot Aperture (instead of small aperture)			
SIGMA 150 on Headband	C-004.33.335	C-004.33.336	(not compatible)

SIGMA 150KC on ergonomical headband with leather cushions, adjustable for circumference and height. With headband rheostat.			
SIGMA 150 on Headband with rheostat	C-004.33.341	(not compatible)	C-004.33.342



HEINE SIGMA 150® Sets



SIGMA 150 Sets	With mPack	With EN50 transformer	With EN50 and mPack
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SIGMA 150 / SIGMA 150 M2 Set on S-Frame (Please specify when ordering!)

SIGMA 150 S-Frame Scleral Depressor Small Scleral Depressor Large A.R. 20 D Ophthalmology Lens Teaching Mirror Cobalt Blue and Yellow Filters Diffusor Retaining cord Cleaning Fluid Spare Bulb Carrying Case	C-281.40.670	—	—
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SIGMA 150 K Set on Headband

SIGMA 150 Scleral Depressor Small Scleral Depressor Large A.R. 20 D Ophthalmology Lens Teaching Mirror Cobalt Blue and Yellow Filters Diffusor Spare Bulb Carrying Case (Hard Case)	C-278.40.670*	C-278.40.300	C-278.40.302
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* incl. 2m Extension Cord Cinch-Cinch

For mPack and EN50 table/wall unit please see pages 152 and 153.

Hand-held Indirect Ophthalmoscope, MONOCULAR

Compact monocular ophthalmoscope



An unusually compact instrument, which is recommended for visits and mobile use.

- ∴ **Durable metal construction.** Long working life.
- ∴ **Built-in interference red-free filter.** Improves contrast.
- ∴ **All optical components made of coated optical glass.** Precise images and high light intensity.
- ∴ **Adjustable light beam.** Useful for small pupils.
- ∴ **Can be used with one hand.** Easy to reach all the controls with the thumb.
- ∴ **+ 3 D lens attachment.** An aid to accommodation, magnifies the image.
- ∴ **Add-on binocular attachment available.** Instrument can be up-dated for binocular use.

Available for use with a 3.5V rechargeable handle or 6V cord handle with wall/desk charger EN 50 or portable mPack.

The 6V version is recommended for incorporation into ophthalmic examination units.



[01]

Monocular Hand-held Indirect Ophthalmoscope	3.5V	6V
with + 3 D lens attachment and orbit rest extension	C-002.33.001	C-004.33.001
XHL Xenon Halogen spare bulb	X-002.88.050	X-004.88.081
+ 3 D lens attachment only [01]		C-000.33.101
Orbit rest extension, for spectacle wearers only		C-000.33.104

Hand-held Indirect Ophthalmoscope, BINOCULAR



The addition of the binocular attachment to the Hand-held Indirect Ophthalmoscope makes stereoscopic examination possible. PD selection from 54 to 74 mm.

- ∴ **Symmetrical selection of PD.** Quick and easy to adjust.
- ∴ **Multi-coated precision optics.** Exceptional image quality.

Available for use with a 3.5V rechargeable handle or 6V cord handle with wall/desk charger EN 50 or mPack.

The 6V version is recommended for incorporation into ophthalmic examination units.



[01]

Binocular Hand-held Indirect Ophthalmoscope	3.5V	6V
with + 3 D lens attachment and orbit rest extension	C-002.33.002	C-004.33.002
XHL Xenon Halogen spare bulb	X-002.88.050	X-004.88.081
Binocular attachment only [01]		C-000.33.106

HEINE A.R.[®] Aspheric Ophthalmoscopy Lenses

with anti-reflex A.R. coating



- ∴ **Advanced triple multicoating.** Reduced reflection, excellent light transmission.
- ∴ **Lens curvature matches that of the retina.** Perfect, distortion-free retinal image.
- ∴ **Large diameter.** Significant increase in field of view without magnification loss.
- ∴ **Aspheric surfaces.** Reduced distortion of the periphery.

Ophthalmoscopy Lens with case

A.R. 16D, 54 mm dia.	C-000.17.225
A.R. 20D, 50 mm dia.	C-000.17.228
A.R. 30D, 46 mm dia.	C-000.17.231

Model Eyes

HEINE Ophthalmoscope Trainer



This model eye was developed for the teaching environment. It is the first adjustable model from HEINE to mimic the human eye. Precise, durable and with a multitude of uses, it simplifies the learning process and encourages the student to practice with the ophthalmoscope.

- ∴ **Refractive error.** Can be set in 1-dpt. steps from - 10 to +10 dpt.
- ∴ **Diameter of pupil.** Variable 2, 3, 4, 5, 6, 8mm.
- ∴ **Aspheric optical glass lens.** Focal length $F = 18$ mm. Lens curvature matches that of the retina.
- ∴ **Trainer body.** Made of metal – extremely stable and durable.
- ∴ **Angle of examination,** variable.

Model Eye

Ophthalmoscope Trainer	C-000.33.010
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Model Eyes

HEINE Skia/Retinoscope Trainer



This model eye is ideal for teaching and practice. The pupil diameter and refractive error can be set exactly and are therefore reproducible. The front lens compartment holder accepts up to two trial lenses. The cylinder can be read from the graduated scale.

- ∴ **Refractive error** can be set to any value in steps of 0.5 dpt from - 7 to + 6 dpt.
- ∴ **Scale** 0° – 180° for cylinder determination.
- ∴ **Diameter of pupil variable:** 2, 3, 4, 5, 6, 8 mm.
- ∴ **Optics:** Optical glass, achromatic lens, focal length F = 32 mm.
- ∴ **Trainer body made of metal:** Extremely stable and durable.
- ∴ **Angle of examination variable.**

Model Eye Skia/Retinoscope Trainer

C-000.33.011

Scleral-Depressor



Scleral-Depressor, large*

C-000.17.300

Scleral-Depressor, small*

C-000.17.301

*autoclavable

Fundus-Charts



Fundus-Charts, pad with 50 pcs.

C-000.33.208

Combi-Case



[01]



[02]

Combi-case for head-worn indirect binocular ophthalmoscopes.
Features a deep, dense foam insert to protect instruments, and can be worn over the shoulder or as a backpack (removable straps included).

Combi-case [01] for indirect ophthalmology sets C-162, C-275,
C-276, C-278

C-079.03.000

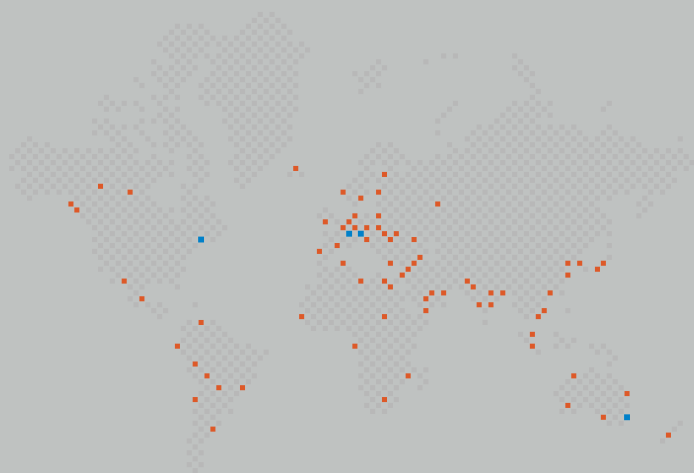
Hard case [02] for indirect ophthalmology sets C-162, C-275,
C-276, C-278

C-079.00.000

**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.

www.heine.com



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