

HEINE MINI 3000® XHL AND LED^{HQ} OTO AND OPHTHALMOSCOPE



MINI 3000 F.O. XENON OTOSCOPES

Powerful pocket otoscope in a unique compact design.

- **Xenon halogen** bulbs for bright illumination and accurate colour rendering.
- **20,000 on/off switch cycles** guaranteed
- **distal Fiber Optic (F.O.) Illumination:** Reflex-free illumination of tympanum and ear cana.
- **viewing window with 3X magnification and optimized casing surface** for razor-sharp images and minimal reflection. **Swivelling viewing window built into instrument.**
- **pneumatic testing** of the tympanum mobility by using the insufflation port and an optional connector
- **attachment clip with integrated on/off switch**
- **replaceable batteries:** size AA or optional rechargeable battery (31693) with mini NT table charger (31692).
- **2-piece handle and head.** Easy to maintain, flexible. Compatible with other handles.

MINI 3000 F.O. LED^{HQ} OTOSCOPES

All features of F.O. Xenon otoscopes with the addition of:

- **maintenance-free**, no need to ever change the LED
- LED thermal management for a **consistent light output throughout the whole working life**
- High-performance-LED: bright and absolutely homogeneous illumination with excellent colour rendering - colour temperature 4,000°K, colour rendering index >95, and >90 rendering index of the colour red
- **twice as bright** as Xenon Halogen instruments
- **exclusive Battery Performance Indicator**
- **exclusive fade-out function** reduces illumination intensity with battery level to let you know when to replace
- **operation time up to 10 hours**

MINI 3000 OTOSCOPES 2.5 V				
	BLACK		BLUE	
	GIMA code	HEINE code	GIMA code	HEINE code
Standard	31680	D-001.70.210	31681	D-001.70.210
F.O. Xenon	31684	D-001.70.110	31685	D-001.70.110
F.O. LED ^{HQ}	31676	D-008.70.110	31677	D-008.70.110

MINI 3000 OTOSCOPE 2.5 V - RECHARGEABLE HANDLE**				
	GIMA code	HEINE code		
F.O. Xenon	31682	D-001.70.301	-	-
F.O. LED ^{HQ}	31683	D-008.70.301	-	-

Above otoscopes are supplied in a box with 5 disposable speculum Ø 4 mm and 5 Ø 2.5 mm

MINI 3000 OTOSCOPE 2.5 V - hard case		
	GIMA code	HEINE code
F.O. LED ^{HQ}	31678	D-885.20.021

Supplied in hard case with 5 disposable speculum Ø 4 mm, 5 Ø 2.5 and 4 reusable speculum (Ø 2.4, 3, 4, 5 mm)



GIMA code	HEINE DISPOSABLE MINI EAR SPECULUM*	Minimum order
31501	HEINE dispenser for mini speculum - empty	-
31502	HEINE disposable Allspec® speculum Ø 2.5 mm - grey	dispenser of 250
31503	HEINE disposable Allspec® speculum Ø 4 mm - grey	dispenser of 250
31515	HEINE disposable Allspec® speculum Ø 2.5 mm - grey	box of 1000
31516	HEINE disposable Allspec® speculum Ø 4 mm - grey	box of 1000

*Compatible with Heine Mini 2000/3000, K180, Beta 200, Beta 400

MINI 3000 XENON OPHTHALMOSCOPES

Modern pocket ophthalmoscope with fixation star aperture.

- Excellent optics and best colour rendering in minimum size.
- **XHL Xenon Halogen Technology.** Concentrated bright light for perfect illumination, a brilliant image and accurate colour rendering
- **the HEINE optics produce crisp, clear images of the whole area under examination** and minimize the reflections
- **5 different apertures.** A full-function instrument incl. fixation star
- **grey filter** for light sensitive patients
- **range of lenses: 18 lenses from -20 D to +20 D**
- **easy workflow**, because ophthalmoscopy is possible without dilation of the pupils
- **attachment clip with integrated on/off switch**
- **replaceable batteries.** Size AA or optional rechargeable battery (31693) with mini NT table charger (31692).

MINI 3000 LED^{HQ} OPHTHALMOSCOPES

All features of Xenon ophthalmoscope with the addition of:

- **maintenance-free**, no need to ever replace the LED.
- LED thermal management for a **consistent light output throughout the whole working life.**
- high-performance-LED: bright and absolutely homogeneous illumination with an excellent colour rendering - colour temperature 4,000°K, colour rendering index >95, and >90 rendering index of the colour red.
- **exclusive battery performance indicator**
- **exclusive fade-out function** reduces illumination intensity with battery level to let you know when to replace.
- **operation time up to 10 hours.**

MINI 3000 OPHTHALMOSCOPES 2.5 V				
	BLACK		BLUE	
	GIMA code	HEINE code	GIMA code	HEINE code
Xenon	31686	D-001.71.120	31687	D 001.71.120
LED ^{HQ}	31688	D-008.71.120	-	-

MINI 3000 OPHTHALMOSCOPES 2.5 V - RECHARGEABLE HANDLE**				
	GIMA code	HEINE code		
F.O. Xenon	31694	D-001.71.200	-	-
F.O. LED ^{HQ}	31695	D-008.71.200	-	-

MINI 3000 OTO-OPHTHALMO SET - hard case				
	GIMA code	HEINE code		
Xenon Set	31689	D-873.11.021	-	-
LED ^{HQ} Set	31696	D-886.11.021	-	-

Both set (Xenon or LED) include one F.O. otoscope head, one ophthalmoscope head, 2 handles, 4 reusable specula (Ø 2.4, 3, 4, 5 mm), 5 disposable specula Ø 4 mm and 5 Ø 2.5 mm in hard case.

NiMH rechargeable battery with bottom insert for Mini 3000 handles.



GIMA code	HEINE code	CHARGER AND ACCESSORIES
31691	D-000.80.101	MINI 3000 connector for pneumatic test
31692	X-001.99.484	HEINE MINI 3000 NT charger
31693	X-001.99.487 + X-001.99.488	BATTERY + BASE

**Need Heine Mini 3000 NT charger (31692)