Veterinary ENT diagnostic instruments

RELIABLE, LONG-LASTING INSTRUMENTS

The HEINE veterinary range offers instruments of the highest quality and functionality as well as HEINE XHL® Xenon halogen bulbs and innovative power sources.

HEINE VET instruments are subjected to ongoing quality assurance checks. They stand up to the demands of the busiest veterinary practice and assure optimum levels of diagnosis and treatment.

HEINE Veterinary ENT diagnostic instruments

	G 100 Slit Illumination Head	Operating Otoscope	BETA 200 VET F.O. Otoscope	BETA 100 VET Otoscope
Housing construction				
Metal	☐	☐	☐	☐
Swivel lens – Magnification				
Glass / Magnification 1.6 x	☐			
Glass / Magnification 2.5 x		☐	☐	☐
Illumination				
LED HQ F.O. illumination	☐		☐	
XHL F.O. illumination	☐		☐	
XHL Direct illumination		☐		☐
Instrument size				
Professional	☐	☐	☐	☐
Available power sources				
Battery 2.5 V	☐	☐	☐	☐
Rechargeable battery 3.5 V	☐	☐	☐	☐
Tips				
Long, closed specula	☐			
Slit metal specula, open	☐			
Spreadable speculum	☐			
Short, closed specula	☐			☐
Reusable specula		☐		
UniSpec VET disposable tips	☐*	☐		
VET reusable specula			☐	☐**
AllSpec disposable tips (with adaptor)		☐***		☐***
Insufflation port			☐	☐
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*   with Adaptor for UniSpec VET disposable tips

** with Adaptor for reusable VET specula

*** with Adaptor for AllSpec tips

HEINE® G 100 LED Slit Illumination Head

With LED illumination in HEINE Quality – LED^HQ

LED HQ
LED NOW IN HEINE QUALITY.

Instrument head with solid metal construction and scratch-resistant swivel lens guarantee a lifetime of maintenance-free use. LED with virtually unlimited hours of working life. No need to ever replace bulbs.

:· **Slit Illumination Head.** Allows optimal instrumentation with magnification and illumination. Clears the way for access during examinations.
:· **Multi-coated, scratch-resistant swivel lens with 1.6 x magnification** provides a high-resolution image.
:· **Fiber Optic Illumination.** Ensures homogeneous, very bright illumination and an unobstructed view of the ear canal and tympanum.
:· **LED in HQ:** The new standard in LED illumination defining optimal light intensity, homogeneity and colour rendering for the most accurate diagnosis. Red is red, blue is blue. Colour temperature: typ. 3,500 K, Colour Rendering Index (CRI) > 97, exceptional colour rendering.
:· **Special optical interface to precisely integrate the LED illumination with the optical system** to ensure bright (typ. 50,000 lux with 4.5 mm specula) homogeneous light during examinations.
:· **Exclusive continuous brightness control** between 100 % and 3 % (patented) **with one-finger operation.**
:· **Easy cleaning.** Round edges allow easy disinfection, also with standard disinfectants.
:· **Double bayonet lock for specula.** Specula mounted firmly by double lock.
:· **Full functionality of the G 100 LED Slit Illumination Head is guaranteed with BETA Rechargeable Handles and the EN 100 / EN 200 Wall Transformers.**

► **EXCLUSIVELY AT HEINE**
· 1.6 x Magnification
· LED in HQ with continuous brightness control
· All-metal housing

G 100 LED Slit Illumination Head	LED
with swivel lens	G-008.21.301
Swivel lens, single [01]	G-000.21.209

[01]

HEINE® G 100 Slit Illumination Head

With XHL Illumination

G 100 Slit Illumination Head with XHL Xenon Halogen illumination instead of LED illumination. Other technical specifications the same as the G 100 LED Slit Illumination Head.

:· **XHL Xenon Halogen bulb** with bright illumination and authentic colour rendering.

G 100 Slit Illumination Head	2.5 V XHL	3.5 V XHL
with swivel lens	G-001.21.301	G-002.21.301
XHL Xenon Halogen spare bulb	X-001.88.077	X-002.88.078
Swivel lens, single [01]		G-000.21.209

[01]

HEINE Veterinary Diagnostic Sets

with XHL or LED^{HQ} illumination

Set complete with: **G 100 Slit illumination head in XHL or LED**
1 set long, closed specula (57 mm x 4 mm dia., 65 mm x 6 mm dia., 90 mm x 7 mm dia.)
1 spare bulb for XHL version,
hard case

Veterinary Diagnostic Sets	2.5 V XHL	3.5 V XHL	LED
BETA battery handle	G-112.10.118		
BETA 4 USB rechargeable handle with USB cord and plug-in power supply		G-112.27.388	G-112.28.388
BETA 4 USB rechargeable handle		G-112.27.387	G-112.28.387
BETA 4 NT rechargeable handle with NT 4 table charger		G-112.23.420	G-112.24.420

with XHL or LED^{HQ} illumination

Set complete with:
G 100 Slit illumination head, BETA 200 Ophthalmoscope both in XHL or LED,
1 set long, closed specula (57 mm x 4 mm dia., 65 mm x 6 mm dia., 90 mm x 7 mm dia.)
1 spare bulb each for XHL version,
hard case

Veterinary Diagnostic Sets	2.5 V XHL	3.5 V XHL	LED
BETA battery handle	G-148.10.118		
BETA 4 USB rechargeable handle with USB cord and plug-in power supply		G-148.27.388	G-148.28.388
BETA 4 USB rechargeable handle		G-148.27.387	G-148.28.387
BETA 4 NT rechargeable handle with NT 4 table charger		G-148.23.420	G-148.24.420

General Medicine,
ENT & VET

HEINE Operating Otoscope

The greatest flexibility and most options for instrumentation

An all-round otoscope for instrumentation under magnification. Both the lens and speculum can be swivelled. For use with reusable specula and UniSpec disposable specula. With tip-adaptor (B-000.11.306) it is also possible to use AllSpec disposable tips.

:· **Open construction.** Ideal for instrumentation.
:· **XHL Xenon Halogen Technology.** Extremely bright, white light.
:· **Swivelling lens and speculum.** Clears the way for access and examination under magnification and illumination.
:· **2.5 x lens in protective frame.** Prevents scratching.
:· **The relative positions of light bulb and speculum can be fixed.** Helps with instrumentation, easily returned to normal position.

Operating Otoscope	2.5V XHL	3.5V XHL
with 1 set = 6 reusable specula, without handle	B-001.11.494	B-002.11.494
without specula, without handle	B-001.11.492	B-002.11.492

XHL Xenon Halogen spare bulb	X-001.88.037	X-002.88.049

HEINE BETA® 200 LED VET F.O. Otoscope

Veterinary Otoscope with LED^HQ illumination

LED HQ
LED NOW IN HEINE QUALITY.

The otoscope has been designed with an all metal housing and scratch resistant glass lenses which guarantee a lifetime of maintenance-free use. LED with virtually unlimited hours of working life (typ. 100,000 hours). No need to ever replace bulbs. Maintenance-free for a lifetime.

:· **Large, scratch-resistant glass viewing window with 2.5 x magnification.** Specially developed lens for veterinary medicine. Focal length is designed specifically for use with longer specula.

:· **Fiber Optic Illumination.** Ensures homogeneous, very bright illumination and an unobstructed view of the ear canal and tympanum.

:· **LED in HQ:** The new standard in LED illumination defining optimal light intensity, homogeneity and colour rendering for the most accurate diagnosis. Red is red, blue is blue. Colour temperature: typ. 3,500 K, Colour Rendering Index (CRI) >97, exceptional colour rendering.

:· **Special optical interface to precisely integrate the LED illumination with the optical system** to ensure bright (typ. 77 000 lux with 4 mm tip) homogeneous light during examinations.

:· **Exclusive continuous brightness control** between 100 % and 3 % (patented) with one-finger operation.

:· **Swivelling viewing window built into instrument.** Useful for instrumentation, cannot be mislaid.

:· **Insufflation port.** Reliable test of tympanic mobility.

:· **For use with reusable SANALON S VET Specula** (G-000.21.213).

:· **Full functionality of the BETA 200 LED VET is guaranteed with BETA Rechargeable Handles and the EN 100 / EN 200 Wall Transformers.**

EXCLUSIVELY AT HEINE

· 2.5 x Magnification
· LED in HQ with continuous brightness control
· All-metal housing

Fiber Optic (F.O.) illumination

BETA 200 LED VET F.O. Otoscope	LED
without specula, without handle	**G-008.21.250**

General Medicine,
ENT & VET

HEINE BETA® 200 VET F.O. Otoscope

Veterinary Otoscope with XHL illumination

BETA 200 VET F.O. Otoscope with XHL Xenon Halogen illumination instead of LED illumination. Other technical specifications the same as the BETA 200 LED VET F.O. Otoscope.

:· **XHL Xenon Halogen bulb** with bright illumination and authentic colour rendering.

BETA 200 VET F.O. Otoscope	2.5V XHL	3.5V XHL
without specula, without handle	G-001.21.250	G-002.21.250

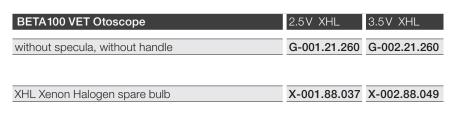|		
XHL Xenon Halogen spare bulb	X-001.88.077	X-002.88.078

HEINE BETA®100 VET Otoscope

Veterinary Otoscope with direct illumination

Otoscope with all-metal construction and direct Xenon Halogen illumination. Suitable for use with short, closed specula. With the use of the VET adaptor (G-000.21.214), it is possible to fit reusable VET specula for ear examinations.

:· **All-metal housing.** Exceptionally-tough and long-lasting.
:· **XHL Xenon Halogen Technology.** Extremely bright, white light.
:· **Large, scratch-resistant glass viewing window with 2.5x magnification.** Unobstructed view, distortion-free image.
:· **Swivelling viewing window built into instrument.** Useful for instrumentation, cannot be mislaid.
:· **Insufflation port.** Reliable test of tympanic mobility.
:· **Can be used with short, closed specula** G-000.21.316 **(no adaptor required).**
:· **Versatile, useful for very small animals.**
:· **Instrument head matt-black inside.** Eliminates reflexes.

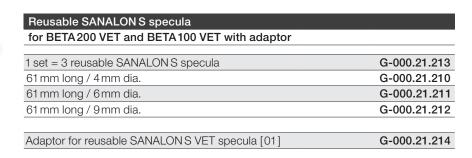| BETA100 VET Otoscope	2.5V XHL	3.5V XHL
without specula, without handle	G-001.21.260	G-002.21.260
XHL Xenon Halogen spare bulb	X-001.88.037	X-002.88.049

Direct Xenon Halogen illumination

HEINE Reusable VET specula

A VET adaptor [01] is required for use of VET reusable tips on the BETA 100 VET.

:· **Made of high-density SANALON S with a smooth external surface.** Dust and germs are easily removed. Disinfection and autoclaving at up to 134 °C is possible.
:· **Ergonomic shape.** Atraumatic.
:· **Convenient fixation system.** Positive fit to otoscope head.

9mm dia.   6mm dia.   4mm dia.

[01]

Reusable SANALON S specula	
for BETA 200 VET and BETA 100 VET with adaptor	
1 set = 3 reusable SANALON S specula	G-000.21.213
61 mm long / 4 mm dia.	G-000.21.210
61 mm long / 6 mm dia.	G-000.21.211
61 mm long / 9 mm dia.	G-000.21.212
Adaptor for reusable SANALON S VET specula [01]	G-000.21.214

For information on HEINE battery and rechargeable handles, see pages 123 – 128.

Long, closed metal specula

:• **Metal construction, chrome-plated.** Easy to clean, disinfect and sterilize.
:• **Double bayonet lock for specula.** Firm mounting of specula to head.

Closed specula	
for G100/G100 LED Slit Illumination Head	
57 mm long / 4 mm dia.	**G-000.21.330**
65 mm long / 6 mm dia.	**G-000.21.331**
90 mm long / 7 mm dia.	**G-000.21.332**
170 mm long / 10 mm dia.	**G-000.21.350**

57 mm   65 mm   90 mm   170 mm
4 mm dia. 6 mm dia. 7 mm dia. 10 mm dia.

Slit metal specula, open

:• **High-quality chrome-plated metal construction.** Easy to clean, disinfect and sterilize.
:• **Matt internal surfaces.** Reduced reflexes.
:• **60° opening with rounded edges.** Ideal for instrumentation, atraumatic insertion.
:• **Double bayonet fitting.** Positive fit.

Slit metal specula	
for G100/G100 LED Slit Illumination Head	
65 mm long / 6 mm dia.	**G-000.21.341**
90 mm long / 7 mm dia.	**G-000.21.342**

65 mm long   90 mm long
6 mm dia.   7 mm dia.

Spreadable speculum for Slit Illumination Head

This versatile instrument is widely used as a universal speculum for small animals.

:• **Distal jaw opens up to 28 mm with 4 click-stops.** Useful for examination and therapy.
:• **High-quality, chrome-plated metal construction.** Easy to clean, disinfect and sterilize.
:• **Matt internal surfaces.** Avoids reflexes.
:• **Oval branches with rounded edges.** Ideal for instrumentation, atraumatic.
:• **2 bayonet locks.** Firm mounting of spreadable Speculum to head.

Spreadable speculum	
for G100/G100 LED Slit Illumination Head	
Spreadable speculum for Slit Illumination Head (95 mm long)	**G-000.21.360**

Short, closed specula

5.5 mm dia.   4.5 mm dia.   3.5 mm dia.

2.8 mm dia.   2.2 mm dia.

:· **Made of high-density SANALON S with a smooth external surface.** Dust and germs are easily removed. Disinfection and autoclaving at up to 134 °C is possible.
:· **Ergonomic shape.** Painless atraumatic insertion.
:· **Integral metal ring with 2 bayonet locks.** Firm mounting of specula to head.
:· **40 mm long.**

Short, closed SANALON S specula	
for G 100 / G 100 LED Slit Illumination Head and BETA 100 VET Otoscope	
1 set = 5 veterinary specula in SANALON S	**G-000.21.316**
40 mm long / 2.2 mm dia.	**G-000.21.310**
40 mm long / 2.8 mm dia.	**G-000.21.311**
40 mm long / 3.5 mm dia.	**G-000.21.312**
40 mm long / 4.5 mm dia.	**G-000.21.313**
40 mm long / 5.5 mm dia.	**G-000.21.314**

Reusable Specula

2.2 mm dia.   2.8 mm dia.   3.5 mm dia.

4.5 mm dia.   5.5 mm dia.   10 mm dia.

:· **Moulded in high-density SANALON S, smooth surface.** Easy to clean, can be disinfected with conventional solutions. Autoclavable at 134 °C.
:· **Ergonomic Design.** Painless and atraumatic insertion.
:· **Metal security lock with bayonet fitting.** Long-lasting, positive fit to the otoscope.

Reusable Specula (black)	
for Operating Otoscope	
1 set = 5 ear specula and 1 nose speculum	**B-000.11.221**
3 specula 3.5 / 4.5 / 5.5 mm dia.	**B-000.11.222**
Ear speculum 2.2 mm dia.	**B-000.11.215**
Ear speculum 2.8 mm dia.	**B-000.11.216**
Ear speculum 3.5 mm dia.	**B-000.11.217**
Ear speculum 4.5 mm dia.	**B-000.11.218**
Ear speculum 5.5 mm dia.	**B-000.11.219**
Nose speculum 10 mm dia.	**B-000.11.220**

General Medicine,
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HEINE UniSpec® Disposable Specula

2.5 mm dia.   4 mm dia.

[01]

The adaptor illustrated [01] is necessary when using UniSpec specula with the G 100 / G 100 LED Slit Illumination Head.

:· **No cleaning necessary.** Saves time.
:· **Hygienic and safe.** Eliminates cross-infection.
:· **Packed in units of 1000.** Assures a competitive price.
:· **Original HEINE design and manufacture.** Guaranteed good fit to the instrument head.

UniSpec disposable specula (grey)	
for BETA100 VET, Operating Otoscope and G100 / G100 LED Slit Illumination Head	
Pack of 1000 UniSpec disposable specula 2.5 mm dia.	**B-000.11.242**
Pack of 1000 UniSpec disposable specula 4 mm dia.	**B-000.11.241**
Adaptor for use with Slit Illumination Head [01]	**G-000.21.302**

⊗ : Single use only.

HEINE AllSpec® Disposable Tips

2.5 mm dia.   4 mm dia.

[01]   [02]

[03]

[04]

A tip adaptor [03] is required for use of AllSpec disposable tips on the BETA 100 VET and on the operation otoscope.

:· **For the most secure fit, best light transmission and hygiene,** we recommend the use of **HEINE Otoscope Tips.**
:· **Assured quality.** No sharp edges.

AllSpec Disposable tips (grey)	
for BETA100 VET and Operating Otoscope	
Pack of 1000 pcs. 2.5 mm dia. [01]	**B-000.11.128**
Pack of 1000 pcs. 4 mm dia. [01]	**B-000.11.127**
Dispenser pack, single, of 250 tips, 2.5 mm dia [02]	**B-000.11.153**
Dispenser pack, single, of 250 tips, 4 mm dia [02]	**B-000.11.152**
Case of 10 dispenser packs of 250 tips, 2.5 mm dia	**B-000.11.151**
Case of 10 dispenser packs of 250 tips, 4 mm dia	**B-000.11.150**
Adaptor for AllSpec tips [03]	**B-000.11.306**

:· **AllSpec Tip-dispenser**
The right size, visible and instantly available. A clean new tip for each and every patient. Contents: 50 pcs. Ø 2.5 mm and 50 pcs. Ø 4 mm.

AllSpec Tip-dispenser [04]	**B-000.11.149**

⊗ : Single use only.

Insufflation Bulb

:· **For pneumatic testing.**

Insufflation bulb for BETA 200 VET and BETA 100 VET Otoskope	**B-000.11.240**