

HEINE Veterinary ENT diagnostic instruments



| | G100 Slit Illumination Head | Operating Otoscope | BETA 200 VET F.O. Otoscope | BETA 100 VET Otoscope |
|---|--|--|---|--|
| Housing construction | Metal | Metal | Metal | Metal |
| Magnification | 1.6x | 2.5x | 2.5x | 2.5x |
| Illumination | F.O. XHL or LED ^{HQ} | Direct XHL | F.O. XHL or LED ^{HQ} | Direct XHL |
| Instrument size | Professional | Professional | Professional | Professional |
| Handle options / power sources | <ul style="list-style-type: none"> • Battery handle (XHL only) • USB rechargeable handle • Rechargeable handle with table charger • EN 200 / EN 200-1 | <ul style="list-style-type: none"> • Battery handle • USB rechargeable handle • Rechargeable handle with table charger • EN 200 / EN 200-1 | <ul style="list-style-type: none"> • Battery handle (XHL only) • USB rechargeable handle • Rechargeable handle with table charger • EN 200 / EN 200-1 | <ul style="list-style-type: none"> • Battery handle • USB rechargeable handle • Rechargeable handle with table charger • EN 200 / EN 200-1 |
| Tips / Specula | <ul style="list-style-type: none"> • Long, closed specula • Slit metal specula, open • Spreadable speculum • Short, closed specula • UniSpec VET disposable tips with adaptor | <ul style="list-style-type: none"> • Reusable specula • UniSpec disposable specula • AllSpec disposable tips with tip adaptor | <ul style="list-style-type: none"> • VET reusable specula | <ul style="list-style-type: none"> • Short, closed specula • VET reusable specula with VET-adaptor • AllSpec disposable tips with tip adaptor |
| Pneumatic testing of tympanum mobility | – | – | Insufflation port available | Insufflation port available |
| Catalogue page | 032 | 034 | 035 | 036 |



HEINE G100 LED Slit Illumination Head

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



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 1.6x magnification** provides a high-resolution image.
- ∴ **Fiber Optic Illumination.** Ensures homogeneous, very bright illumination and an unobstructed view of the ear canal and tympanum.
- ∴ **There's LED. And there's LED^{HQ}.** 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}.**
- ∴ **Special optical interface to precisely integrate the LED illumination with the optical system** to ensure bright homogeneous light during examinations.
- ∴ **Patented, unique, stepless dimming** from 3% to 100% with practical 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 G100 LED Slit Illumination Head is guaranteed with BETA Rechargeable Handles and the EN 200 / EN 200-1 Wall Transformers.**

- ∴ **Also available with XHL Xenon Halogen illumination.** Bright illumination and authentic colour rendering; for other technical specifications see G100 LED Slit Illumination Head.

HEINE G100 Diagnostic Kit



[01]

Without case

NEW!

| G100 Slit illumination head with | LED |
|---|---------------------|
| BETA4 USB rechargeable handle with USB cord and plug-in power supply [01] | G-010.28.388 |
| BETA4 NT rechargeable handle with NT4 table charger | G-010.24.420 |

HEINE Veterinary Diagnostic Sets

With XHL or LED^{HO} illumination



Set includes: G100 Slit illumination head,

1 set long, closed specula (57mm x 4mm dia., 65mm x 6mm dia., 90mm x 7mm dia.),
1 spare bulb for XHL version, hard case.

| | 2.5V XHL | 3.5V XHL | LED |
|--|---------------------|---------------------|---------------------|
| BETA battery handle | G-112.10.118 | | |
| ★ BETA4 USB rechargeable handle with USB cord and plug-in power supply | | G-112.27.388 | G-112.28.388 |
| BETA4 NT rechargeable handle with NT4 table charger | | G-112.23.420 | G-112.24.420 |



Set includes: G100 Slit illumination head, Ophthalmoscope BETA 200,

1 set long, closed specula (57mm x 4mm dia., 65mm x 6mm dia., 90mm x 7mm dia.),
1 spare bulb each for XHL version, hard case.

| | 2.5V XHL | 3.5V XHL | LED |
|--|---------------------|---------------------|---------------------|
| BETA battery handle | G-148.10.118 | | |
| BETA4 USB rechargeable handle with USB cord and plug-in power supply | | G-148.27.388 | G-148.28.388 |
| BETA4 NT rechargeable handle with NT4 table charger | | G-148.23.420 | G-148.24.420 |

∴ For further information on the HEINE BETA 200 Ophthalmoscope, please see page 045.



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 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.
- ∴ **2.5x 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.

HEINE Operating Otoscope Kit



Without case

[01]

NEW!

| Operating Otoscope with | 2.5V XHL | 3.5V XHL |
|---|---------------------|---------------------|
| BETA battery handle | B-017.10.118 | |
| ★ BETA4 USB rechargeable handle with USB cord and plug-in power supply [01] | | B-017.27.388 |
| BETA4 NT rechargeable handle with NT4 table charger | | B-017.23.420 |

HEINE BETA® 200 LED VET F.O. Otoscope

Veterinary Otoscope with LED^{HQ} illumination

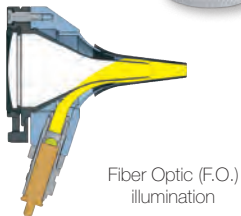
LED^{HQ}
LED NOW IN HEINE QUALITY.



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. No need to ever replace bulbs. Maintenance-free for a lifetime.

- ∴ **Large, scratch-resistant glass viewing window with 2.5x 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.
- ∴ **There's LED. And there's LED^{HQ}.** 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}.**
- ∴ **Special optical interface to precisely integrate the LED illumination with the optical system** to ensure bright homogeneous light during examinations.
- ∴ **Patented, unique, stepless dimming** from 3% to 100% with practical 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 VET Specula.** See order information accessories on pages 037–040.
- ∴ **Full functionality of the BETA 200 LED VET is guaranteed with BETA Rechargeable Handles and the EN 200 / EN 200-1 Wall Transformers.**

- ∴ **Also available with XHL Xenon Halogen illumination.** Bright illumination and authentic colour rendering; for other technical specifications see BETA 200 LED VET F.O. Otoscope.



HEINE BETA 200 VET Diagnostic Kit

With XHL or LED^{HQ} illumination



Without case

NEW!

| BETA 200 VET F.O. Otoscope with | 2.5V XHL | 3.5V XHL | LED |
|---|---------------------|---------------------|---------------------|
| BETA battery handle | G-011.10.118 | | |
| ★ BETA4 USB rechargeable handle with USB cord and plug-in power supply [01] | | G-011.27.388 | G-011.28.388 |
| BETA4 NT rechargeable handle with NT4 table charger | | G-011.23.420 | G-011.24.420 |



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 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.** Very sharp, 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.** See order information accessories on pages 037–040.
- ∴ **Versatile, useful for very small animals.**
- ∴ **Instrument head matt-black inside.** Eliminates reflexes.



Direct Xenon Halogen illumination

HEINE BETA 100 VET Diagnostic Kit



Without case

NEW!

| BETA 100 VET Otoscope with | 2.5V XHL | 3.5V XHL |
|---|---------------------|---------------------|
| BETA battery handle | G-012.10.118 | |
| ★ BETA4 USB rechargeable handle with USB cord and plug-in power supply [01] | | G-012.27.388 |
| BETA4 NT rechargeable handle with NT4 table charger | | G-012.23.420 |

Long, closed metal specula



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

- ∴ **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 |

Slit metal specula, open



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

- ∴ **High-quality chrome-plated metal construction.** Easy to clean, disinfect and sterilize.
- ∴ **Matte 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 |

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.
- ∴ **Matte 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



- **Made of high-density SANALON S with a smooth external surface.** Dust and germs are easily removed. Common germicides can be used. Autoclavable at up to 134 °C.
- **Ergonomic shape.** Painless atraumatic insertion.
- **Integral metal ring with 2 bayonet locks.** Firm mounting of specula to head.

**Short, closed SANALON S specula
for G100/G100 LED Slit Illumination Head and BETA 100 VET Otoscope**

| | |
|---|--------------|
| 1 set = 5 veterinary specula in SANALON S | G-000.21.316 |
| 40mm long / 2.2mm dia. | G-000.21.310 |
| 40mm long / 2.8mm dia. | G-000.21.311 |
| 40mm long / 3.5mm dia. | G-000.21.312 |
| 40mm long / 4.5mm dia. | G-000.21.313 |
| 40mm long / 5.5mm dia. | G-000.21.314 |

Reusable Specula



- **Made of high-density SANALON S with a smooth external surface.** Dust and germs are easily removed. Common germicides can be used. Autoclavable at up to 134 °C.
- **Ergonomic Design.** Painless and atraumatic insertion.
- **Metal security lock with bayonet fitting.** 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 3.5/4.5/5.5mm dia. | B-000.11.222 |
| Ear speculum 2.2mm dia. | B-000.11.215 |
| Ear speculum 2.8mm dia. | B-000.11.216 |
| Ear speculum 3.5mm dia. | B-000.11.217 |
| Ear speculum 4.5mm dia. | B-000.11.218 |
| Ear speculum 5.5mm dia. | B-000.11.219 |
| Nose speculum 10mm dia. | B-000.11.220 |

HEINE Reusable VET specula



A VET adaptor [01] is required for use 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.

**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 |

HEINE UniSpec® Disposable Specula



The adaptor illustrated [01] is necessary when using UniSpec specula with the G100/G100 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 BETA 100 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



A tip adaptor [03] is required for use of AllSpec disposable tips on the BETA 100 VET and on the operating 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 BETA 100 VET and Operating Otoscope

| | |
|--|---------------------|
| Pack of 1000 pcs. 2.5mm 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: 45 pcs. Ø 2.5mm and 45 pcs. Ø 4 mm.



| | |
|--|---------------------|
| AllSpec Tip-dispenser (2 x 45 tips) [04] | B-000.11.149 |
|--|---------------------|

⊗: Single use only.

Further articles / Accessories

HEINE veterinary ENT diagnostic instruments



| G100 Slit Illumination Head | 2.5V XHL | 3.5V XHL | LED |
|----------------------------------|--------------|--------------|--------------|
| with swivel lens, without handle | G-001.21.301 | G-002.21.301 | G-008.21.301 |



| Operating Oscope head | 2.5V XHL | 3.5V XHL |
|---|--------------|--------------|
| with 1 set = 6 reusable specula, without handle | B-001.11.494 | B-002.11.494 |
| without handle and without accessories | B-001.11.492 | B-002.11.492 |



| BETA 200 VET F.O. Oscope head | 2.5V XHL | 3.5V XHL | LED |
|--|--------------|--------------|--------------|
| without handle and without accessories | G-001.21.250 | G-002.21.250 | G-008.21.250 |



| BETA 100 VET Oscope head | 2.5V XHL | 3.5V XHL |
|--|--------------|--------------|
| without handle and without accessories | G-001.21.260 | G-002.21.260 |



| Spare bulb for G100 and BETA 200 VET | 2.5V XHL | 3.5V XHL |
|--------------------------------------|--------------|--------------|
| XHL Xenon Halogen spare bulb | X-001.88.077 | X-002.88.078 |



| Spare bulb for Operating Oscope and BETA 100 VET | 2.5V XHL | 3.5V XHL |
|--|--------------|--------------|
| XHL Xenon Halogen spare bulb | X-001.88.037 | X-002.88.049 |



| Swivel lens for G100 Slit Illumination Head | |
|---|--------------|
| Swivel lens, single | G-000.21.209 |



| Insufflation bulb for pneumatic testing | |
|---|--------------|
| Insufflation bulb for BETA 200 VET and BETA 100 VET Oscopes | B-000.11.240 |

