

# Laryngoscopes

Product range for Laryngoscopes includes:

Heine VisionPRO Video Laryngoscope, Heine XHL and LED Handles, EasyClean LED Laryngoscope Handle, Heine Classic+ Miller, Macintosh, Paed, Flexitip Blades and the Heine XP Disposable Laryngoscope System.



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# New Heine visionPRO Laryngoscope

## The new HEINE visionPRO video laryngoscope.

### With very, very, very good image quality.

For fast and reliable intubation, nothing is more important than the best view of the glottis – with a bright and sharp image. This is true for every intubation – and even more so for difficult, unforeseen situations. That's why HEINE combined the best components in their new visionPRO video laryngoscope, from the camera to the image processing to the new HEINE allBRIGHT display.

### Extremely durable. After all, it is made in Germany.

The new HEINE visionPRO is extremely robust and reliable. The grip head and display frame are made of anodised aluminium, while the handle and camera arm are made of stainless steel. The cover glass of the new allBRIGHT display is highly protective. After all, the high reliability of HEINE instruments is legendary. The same applies to the new HEINE video laryngoscope.

### The new HEINE allBRIGHT display.

The new allBRIGHT display provides true color and lifelike imaging even in bright ambient light. No wonder, because HEINE is the first and only supplier of video laryngoscopes worldwide to offer a transfective display. \*

### Straight to the target.

With its extra-large field of view in portrait format, the new HEINE visionPRO shows a significantly larger section of the glottis and the relevant surrounding anatomy. This means that quick and easy orientation – even in time-critical situations – is always well supported. Intuitive to handle, HEINE visionPRO allows the user to focus fully on the intubation.

### Safe, fast and easy to clean.

To ensure maximum patient safety, the display and handle can be easily separated for numerous validated reprocessing procedures. The handle can be wipe disinfected or even sterilised by low-temperature. The display can be hygienically reprocessed with low level disinfection. This is thanks to the smooth and easy-to-clean surfaces called HEINE smoothSURFACE.

### Sustainability built in.

The new HEINE visionPRO features a rechargeable lithium battery, with near infinite life. This reduces costs and, above all, the impact on the environment. Not only are single-use batteries expensive but are also highly problematic to manufacture and dispose of - and so not sustainable.

### First blade made from upcycled material.

And one more real benefit at the end: The visionPRO blades are made of upcycled material from discarded refrigerators.

By recycling these refrigerators in a controlled manner, the environment is spared around 200 metric tons of CO2 annually already in the very first year. This is equivalent to 3.8 million miles of rail travel per person, or about 140 times around the world. What's more, the blades for the visionPRO video laryngoscope are manufactured on a machine that runs on greensourced electricity.

Learn more about sustainability at [heine.com](https://www.heine.com).

Various national and international industrial property rights have been registered and granted for the smart design of the blades.

\*for more information visit <https://www.heine.com>



Description	Code
VIDEO LARYN - VISIONPRO HR1 MAC HDL DS1 DISPLAY CS1 CHARGING STATION (SET)	HF27095862
LARYNGOSCOPE BLADES - HEINE VISIONPRO MAC 3 DISPOS. (B/10)	HF0022243
LARYNGOSCOPE BLADES - HEINE VISIONPRO MAC 4 DISPOS. (B/10)	HF0022244

# Heine Laryngoscope Handles

HEINE offers the most complete Laryngoscope Handle System on the market – XHL (Xenon Halogen) or LED illumination with a full assortment of handle sizes, with use with dry cell batteries (2.5V versions) and Heine rechargeable battery power models (3.5V versions).

Laryngoscope handles are available in 4 styles, designed with either LED or XHL Bulb - Standard, Slim, Short and Standard Angled (XHL only).

## Laryngoscope Handle features:

- XHL or LED light source.
- Light weight and convenient.
- Handle shell can be sterilised with either an autoclaved or other low temperature gas plasma sterilisation procedures
- Compatible with all laryngoscope blade to the ISO 7376 (green Standard)
- Available in 2.5V (uses 2 C Size Batteries for Standard Size Handle or 2 x AA Size Batteries for Slim or Short Handles) and 3.5V Li-ion Rechargeable Batteries with NT4 Recharger.

## LED Laryngoscope Handle additional features

- LED in HQ technology: the new standard in LED illumination defining optimal light in-tensity, homogeneity and colour rendering for the most accurate visualisation. Typically 5200k.
- Exclusive Fade-Out function: the standard F.O. Led laryngoscope handle provides maximum brightness at constant intensity. As soon as the dry cell batteries (or re-charge battery reach low level, the LED laryngoscope handle electronically releases a visible early indication of low battery status: by gradually reducing the brightness (Fade-Out Function), The LED laryngoscope handle starts notifying the user to replace batteries (or to recharge the handle).



Description	Code
<b>Non-Rechargeable XHL (Halogen) Laryngoscope Handles</b>	
LARYNGOSCOPE HANDLE - HEINE STANDARD F.O. 2.5V (EACH)	HF0122860
LARYNGOSCOPE HANDLE - HEINE SMALL F.O. 2.5V (EACH)	HF0122800
LARYNGOSCOPE HANDLE - HEINE SHORT F.O. 2.5V (EACH)	HF0122812
GLOBE - HEINE XHL XENON HALOGEN 2.5V #035 (EACH)	HX0188035
<b>Non-Rechargeable LED (Halogen) Laryngoscope Handles</b>	
LARYNGOSCOPE HANDLE - HEINE STANDARD F.O. 2.5V #LED (EACH)	HF0822860
LARYNGOSCOPE HANDLE - HEINE F.O. 4 SLIM NT LED 2.5V (EACH)	HF0822800
LARYNGOSCOPE HANDLE - HEINE F.O. 4 SHORT NT LED 2.5V (EACH)	HF0822812
<b>Rechargeable LED Laryngoscope Handle</b>	
LARYNGOSCOPE HANDLE - HEINE STANDARD F.O. 3.5V #LED #LI-ION BATTERY (EACH)	HF0822894
BATTERY—HEINE LI-ION FOR LARYN STD HANDLE (EACH)	HF0799383
RECHARGER—NT4 TABLE (EACH)	HX0299494

## Heine EasyClean LED Laryngoscope Handle

### EASY REPROCESSING TO ENSURE PATIENT SAFETY

First and only complete LED handle for low temperature gas plasma sterilisation (STERRAD®/ STERIS®) - No disassembly / reassembly of the handle needed  
Antislip —wave-design facilitating wipe disinfection  
100 % waterproof (IPX8) facilitating manual cleaning and soak disinfection—No disassembly / reassembly of the handle needed  
Autoclavable LED technology (batteries must be removed for sterilisation)

### RELIABLE DESIGN

Typ. 10 hours of continuous operation. Battery handle with 2 C-Cells (R14/LR14)  
Fade-Out Feature. Light intensity slowly decreases, if battery operating time is low  
Compatible with all laryngoscope blades according to ISO 7376 (Green Standard)

### PERFECT VIEW OF VOCAL CORDS

Optimal and homogenous light intensity 3 times brighter than conventional halogen bulbs  
Nearly unlimited lifetime up to 50,000 hours  
Reference colour temperature typ. 5000 K



Description	Code*
LARYNGOSCOPE HANDLE - HEINE F.O. EASYCLEAN LED STD 2.5V (EACH)	HF0822820
LARYNGOSCOPE HANDLE - HEINE F.O. EASYCLEAN LED SLIM 2.5V (EACH)	HF0822821
LARYNGOSCOPE HANDLE - HEINE F.O. EASYCLEAN LED SHORT 2.5V (EACH)	HF0822822

## Bio-Sleeve Disposable Laryngoscope Handle Cover

- Disposable Cover that fit the Standard Size Laryngoscope Handle—designed to cover the handle completely prevented ingress of fluids.
- Impermeable
- Blade easily fitted with cover on

Description	Code
BIO-SLEEVE - HEINE LARYNGO FO STANDARD HANDLE (PKT/100)	HA1961001

## Heine Laryngoscopes Classic+ Blades

With Classic+ Laryngoscope Blades there are no connecting screws to get lost, no external light pathways to get wrong and no tricky openings or crevices to get dirty – a major contribution to eliminating cross-infection. Smooth shape avoids sharp edges and cavities for easy cleaning and sterilizing. These blades need no maintenance – ever.  
5 years warranty—4000 standard autoclave cycles of 134 °C / 4 min. with more than 1000 lux.

**HEINE HiLite fiber bundle** with a 4.3 mm diameter (Macintosh Classic+ Blades) and up to 6500 individual micro-fibers for improved light transmission and longer life. The high quality integrated Fiber Optics offer for the best possible illumination with either LED or Halogen (XHL) Handles. Made from High quality stainless steel construction. Compatible with all handles to the ISO 7376 (Green Standard).

## Heine Classic+ Macintosh Blades



One-piece design with no openings to contaminate. Chrome-plated high-grade stainless steel makes the Classic+ FO Blade even more resistant to the oxidation and/or corrosion damage that can occur in the reprocessing process due to intense use.

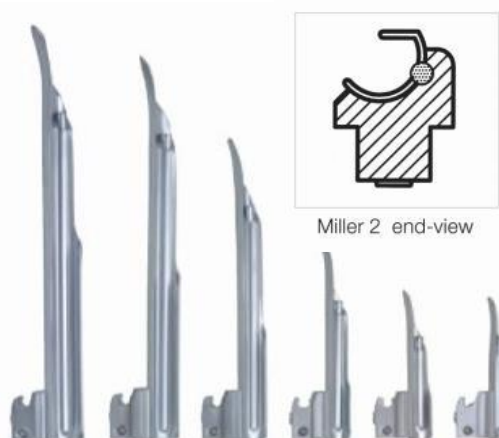
From Left to Right:  
Mac 5, Mac 4, Mac 3, Mac 3M, Mac 2, Mac

Description	Code
LARYNGOSCOPE BLADE - HEINE CLASSIC+ MAC 0 F.O. (EACH)	HF0022100
LARYNGOSCOPE BLADE - HEINE CLASSIC+ MAC 1 F.O. (EACH)	HF0022101
LARYNGOSCOPE BLADE - HEINE CLASSIC+ MAC 2 F.O. (EACH)	HF0022102
LARYNGOSCOPE BLADE - HEINE CLASSIC+ MAC 3 F.O. (EACH)	HF0022103
LARYNGOSCOPE BLADE - HEINE CLASSIC+ MAC 4 F.O. (EACH)	HF0022104
LARYNGOSCOPE BLADE - HEINE CLASSIC+ MAC 5 F.O. (EACH)	HF0022105

Model	Overall size	Distal Width
Mac 0	82mm	9mm
Mac 1	93mm	11mm
Mac 2	115mm	13mm
Mac 3m*	135mm	15mm
Mac 3	135mm	15mm
Mac 4	155mm	15mm
Mac 5	176mm	15mm

\* Mac 3m strong curve blade

## Heine Classic+ Miller and Paed Blades



The Miller Classic+ F.O. Blades with improved geometry simplify intubation. The shortened shoulder of the blade dramatically improves the anaesthetists view of the epiglottis and vocal cords. The distal lip of the blade features a special atraumatic shape.

The Paed Classic+ F.O. Laryngoscope Blades have been developed specifically for the intubation of neonates and infants.

From Left to Right:  
Miller 4, Miller 3, Miller 2, Miller 1,  
Miller 0 and Miller 00

From Left to Right  
Paed 1 and Paed 0



Description	Code
LARYNGOSCOPE BLADE - HEINE CLASSIC+ MILLER 00 F.O. (EACH)	HF0022119
LARYNGOSCOPE BLADE - HEINE CLASSIC+ MILLER 0 F.O. (EACH)	HF0022120
LARYNGOSCOPE BLADE - HEINE CLASSIC+ MILLER 1 F.O. (EACH)	HF0022121
LARYNGOSCOPE BLADE - HEINE CLASSIC+ MILLER 2 F.O. (EACH)	HF0022122
LARYNGOSCOPE BLADE - HEINE CLASSIC+ MILLER 3 F.O. (EACH)	HF0022123
LARYNGOSCOPE BLADE - HEINE CLASSIC+ MILLER 4 F.O. (EACH)	HF0022124
LARYNGOSCOPE BLADE - HEINE CLASSIC+ PAED 0 F.O. (EACH)	HF0022110
LARYNGOSCOPE BLADE - HEINE CLASSIC+ PAED 1 F.O. (EACH)	HF0022111

Model	Overall size	Distal Width
Miller 00	76mm	9.5mm
Miller 0	80mm	10.5mm
Miller 1	100mm	11.5mm
Miller 2	152mm	13mm
Miller 3	192mm	13mm
Miller 4	207mm	15.9mm
Paed 0	82mm	12mm
Paed 1	95mm	13mm



## Heine Flexitip+ Macintosh Laryngoscope Blade

FlexTip+ is a Macintosh Laryngoscope Blade with a tip which is adjustable through 70°. A lever controls the tip angle during intubation to lift the epiglottis, giving a clear view of the vocal cords. Contact with the upper row of teeth and unnecessary pressure on the tongue and soft tissue are avoided.

Fits all standard F.O. handles (green standard) except for F.O. Angled Handle. Heine Hilite Fiber Bundle

- Integrated Fiber Optics
- High-Quality design from chrome-plated stainless high-grade steel



Description	Code	Model	Overall size	Distal Width
LARYNGOSCOPE BLADE - HEINE FLEXITIP+ MAC 3 F.O. (EACH)	HF0022313	FT+ Mac 3	115mm	13.2mm
LARYNGOSCOPE BLADE - HEINE FLEXITIP+ MAC 4 F.O. (EACH)	HF0022314	FT+ Mac 4	137mm	13.2mm

## Heine XP Disposable Handle Shell and Laryngoscope Blades

The XP disposable laryngoscope handle shell with the Heine laryngoscope insert (Standard Size Handle—available in LED or XHL versions) is powered by the best-selling battery insert for HEINE F.O. handles. The laryngoscope insert can be removed from the handle shell after intubation without risk of contamination.

The XP Disposable Laryngoscope Blade features the HEINE Classic+ blade shape of the world's best-selling integral fiber op-tic blade. With proper use the disposable XP blade avoids cross-infection from one patient to the next.

- Hygienic and safe.
- Optimum light transmission by oversize light guide. Extremely bright: Highest level of illuminance with HEINE 2.5V or 3.5V LED illuminance within laryngoscope insert.
- Blade shape optimized to ease the passage of the tube.
- Patient-friendly with reduced risk of injury or damage to teeth.
- Extreme torsional stiffness, practically unbreakable.
- Blades do not —freeze or stick to the tongue at low temperatures.
- Compatible with all handles to the ISO 7376 (green standard)



Description	Code
LARYNGOSCOPE HANDLE - HEINE XP OUTER SHELL (B/25)	HF0022926
LARYNGOSCOPE BLADES - HEINE XP MILLER 0 DISPOS. (B/25)	HF0022771
LARYNGOSCOPE BLADES - HEINE XP MILLER 1 DISPOS. (B/25)	HF0022772
LARYNGOSCOPE BLADES - HEINE XP MILLER 2 DISPOS. (B/25)	HF0022773
LARYNGOSCOPE BLADES - HEINE XP MILLER 3 DISPOS. (B/25)	HF0022774
LARYNGOSCOPE BLADES - HEINE XP MILLER 4 DISPOS. (B/25)	HF0022775
LARYNGOSCOPE BLADES - HEINE XP MIAC 1 DISPOS. (B/25)	HF0022761
LARYNGOSCOPE BLADES - HEINE XP MIAC 2 DISPOS. (B/25)	HF0022762
LARYNGOSCOPE BLADES - HEINE XP MAC 3 DISPOS. (B/25)	HF0022763
LARYNGOSCOPE BLADES - HEINE XP MAC 4 DISPOS. (B/25)	HF0022764
LARYNGOSCOPE SET - HEINE XP EMERGENCY (SET)	HF25710815

Model	Overall size	Distal Width
Miller 0	80mm	10mm
Miller 1	104mm	10mm
Miller 2	155mm	13mm
Miller 3	195mm	13mm
Miller 4	221mm	14mm
Mac 1	90mm	9mm
Mac 2	114mm	10mm
Mac 3	134mm	14mm
Mac 4	154mm	14mm