

# Laryngoscopes

## 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 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)

LED Laryngoscope Handle additional features

- LED in HQ technology: the new standard in LED illumination defining optimal light intensity, 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 recharge 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).



Left to Right: Standard Angled and Standard Heine Laryngoscope Handles

XHL Laryngoscope Handles 2.5V	
Description	Code
F.O. ANGLED 2.5V HANLDE LARYNGOSCOPE - XHL BULB - COMPLETE	HF0122941
STANDARD F.O. LARYNGOSCOPE 2.5V - COMPLETE	HF0122860
F.O. SLIM 2.5V LARYNGOSCOPE BATTERY HANDLE - COMPLETE	HF0122800
F.O. SHORT 2.5V LARYNGOSCOPE BATTERY HANDLE - COMPLETE	HF0122812
REPLACEMENT XHL BULB FOR 2.5V LARYNGOSCOPE HANDLE	HX0188035



Left to Right: Slim and Short Heine Laryngoscope Handles

LED Laryngoscope Handles 2.5V	
Description	Code
STANDARD F.O. 4 NT LED LARYNGOSCOPE 2.5V - COMPLETE	HF0822860
F.O. SLIM LED 2.5V LARYNGOSCOPE BATTERY HANDLE - COMPLETE	HF0822800
F.O. SHORT LED 2.5V LARYNGOSCOPE BATTERY HANDLE - COMPLETE	HF0822812

# Laryngoscope Blades

## Laryngoscope Blades

### Heine Classic+ blade features:

With Classic+ 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 dia. and up to 6500 individual micro-fibers for improved light transmission and longer life. With the alternative of LED- or XHL-illumination: With either 3 x or 40 % brighter light as with conventional halogen bulbs. Integrated Fiber Optics for the best possible illumination. High quality stainless steel construction. Swivelling blade tip facilitates difficult intubation. Reduced likelihood of damage to teeth and soft tissue. Fits all standard F.O. handles (green standard).

### Miller Blades

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

Compatible with all handles to the ISO 7376 (green standard).



Miller 2 end-view

### Macintosh Blades:

Compatible with all handles to the ISO 7376 (green standard).

High quality stainless steel construction.

HEINE guarantees all blades with HiLite fiber bundles for 5 years.

4000 standard autoclave cycles of 134°C / 4 min. with more than 1000 lux.



Mac 3 end-view

### Heine Paed laryngoscope Blades:

Developed specifically for the intubation of neonates and infants.

Compatible with all handles to the ISO 7376 (green standard).

High quality stainless steel construction.



Paed 1 end-view

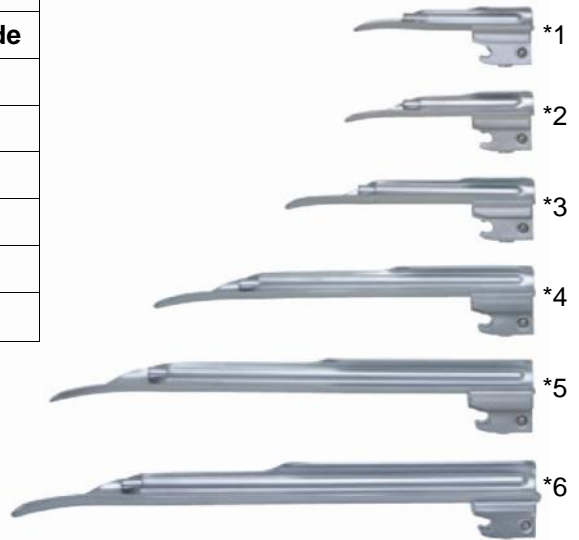
### Flextip Blades:

the 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.



# Laryngoscope Blades

HEINE CLASSIC+ MILLER F.O. LARYNGOSCOPE BLADES			
Description	Overall size	Distal Width	Product Code
(*1) Miller 00	76mm	9.5mm	HF022119
(*2) Miller 0	80mm	10.5mm	HF022120
(*3) Miller 1	100mm	11.5mm	HF022121
(*4) Miller 2	152mm	13mm	HF022122
(*5) Miller 3	192mm	13mm	HF022123
(*6) Miller 4	207mm	15.9mm	HF022124



PAED F.O. LARYNGOSCOPE BLADES			
Description	Overall size	Distal Width	Product Code
(*7) Paed 0	82mm	12mm	HF022110
(*8) Paed 1	95mm	13mm	HF022111



HEINE CLASSIC+ MACINTOSH F.O. LARYNGOSCOPE BLADES			
Description	Overall size	Distal Width	Product Code
(*9) Mac 0	82mm	9mm	HF022100
(*10) Mac 1	93mm	11mm	HF022101
(*11) Mac 2	115mm	13mm	HF022102
(*12) Mac 3m*	135mm	15mm	HF022143
(*13) Mac 3	135mm	15mm	HF022103
(*14) Mac 4	155mm	15mm	HF022104
(*15) Mac 5	176mm	15mm	HF022105

\* Mac 3m strong curve blade



HEINE FLEXTIP F.O. LARYNGOSCOPE BALDES			
Description	Overall size	Distal Width	Product Code
(*16) Mac 3	115mm	13.2mm	HF022313
(*17) Mac 4	137mm	13.2mm	HF022314

