

OLYMPUS

Your Vision, Our Future

CHIP-ON-THE-TIP

Flexible video rhinolaryngoscopy



BENEFITS OF VIDEO RHINOLARYNGOSCOPY

Choose the gold standard!

With the new generation of video rhinolaryngoscopes, Olympus offers a wide range of product solutions for optimal diagnostic and therapeutic results. The exceptional image quality of these latest-generation video rhinolaryngoscopes provides ENT surgeons with a much higher level of information compared to fiber technology.

Better handling

Olympus video rhinolaryngoscopes are easy to handle. Plug-and-play technology, sterile access to available functions, and the possibility to directly control the scopes all play a role in ensuring better overall handling. In addition, the increased maneuverability offers greater control during insertion and examination.

Increased durability

With the Chip-on-the-tip design, typical fiber breakage and the resulting black dots can be avoided. The increased durability will result in fewer replacements, which will enable you to save on costs in the long term.

Better image quality

Chip-on-the-tip technology uses high-quality CCD technology to deliver high-resolution images with increased brightness. Therefore, our video rhinolaryngoscopes provide crisp, sharp, and homogenous images that enable the best diagnostic results possible.



Fiberscope



Chip-on-the-tip



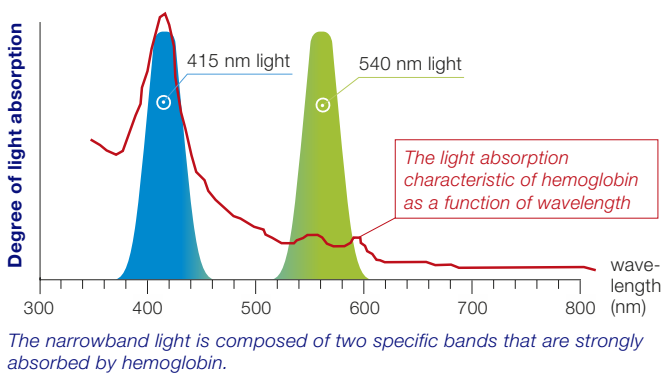
Fiberscope



Chip-on-the-tip

Better visualization of vascular patterns

Olympus video rhinolaryngoscopes use the advantages of Narrow Band Imaging (NBI). This optical image-enhancement technology increases the visibility of vessels and other tissue on the mucosal surface. Narrowband illumination, which is strongly absorbed by hemoglobin and penetrates only the surface of tissue, is ideal for enhancing the contrast between the two. Under narrowband illumination, capillaries on the mucosal surface are displayed in brown on the monitor, and veins in the submucosa are displayed in cyan.



White light



NBI

In addition, the close-up function of ENF-VT2 offers the possibility of a magnified view. These two functions deliver the additional information you need for making an early diagnosis, especially when it comes to detecting early changes or obstructions in small capillaries that might lead to benign or malignant lesions.



Standard



Close-up*

Potential customer benefits

- Faster procedure times
- More precise and safer diagnoses
- Earlier cancer detection
- Fewer misdiagnoses
- Fewer recurrences

Treatment*

Suction: The suction mechanism lets you keep a clear view with easy push-button switching.

Accessories: Thanks to 20 different types of instruments, a wide range of treatments is possible.

Laser, HF: Compatible with both laser/electrosurgery treatments.

* Only possible with ENF-VT2









Targeted biopsy



Targeted biopsy

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Specifications

Type	ENF-VQ 	ENF-VH  	ENF-V2 	ENF-V3 	ENF-VT2* 
Optical system					
Field of view:	90°	110°	90°	90°	90°
Depth of field:	5–50 mm	5–50 mm	5–50 mm	3.5–50 mm	2–40 mm
Insertion tube					
Outer diameter – distal tip:	3.9 mm	3.9 mm	3.2 mm	2.6 mm	4.8 mm
Outer diameter – insertion tube:	3.6 mm	3.6 mm	3.4 mm	2.9 mm	4.9 mm
Working length:	300 mm	300 mm	300 mm	300 mm	365 mm
Instrument channel					
Working channel:	-	-	-	-	2 mm
Bending section					
Range of angulation (up/down):	130°/130°	130°/130°	130°/130°	130°/130°	130°/130°

* LD/YAG-laser-compatible/HF-compatible



ENF-VH / ENF-V3



ENF-V2

Specifications, design, and accessories are subject to change without any notice or obligation on the part of the manufacturer.

OLYMPUS

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