

OLYMPUS[®]

Your Vision, Our Future

RHINO-LARYNGO VIDEOSCOPE

ENF-VH/ENF-V3

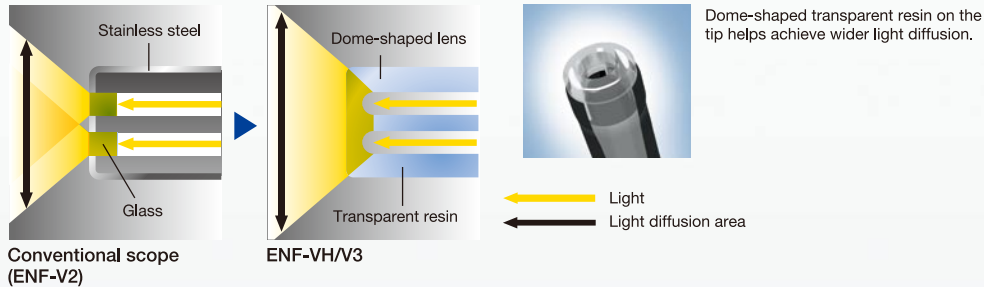
HD clarity or a slim 2.6 mm distal end: two scopes cover most examination needs



Proprietary OLYMPUS technology improves exam capabilities and simplifies operation

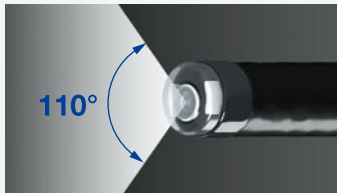
Exceptional luminosity

Although it has a small diameter, the scope still illuminates a broad area, providing a detailed image of any lesions within the field of view. This exceptional luminosity is especially useful when observing with NBI.



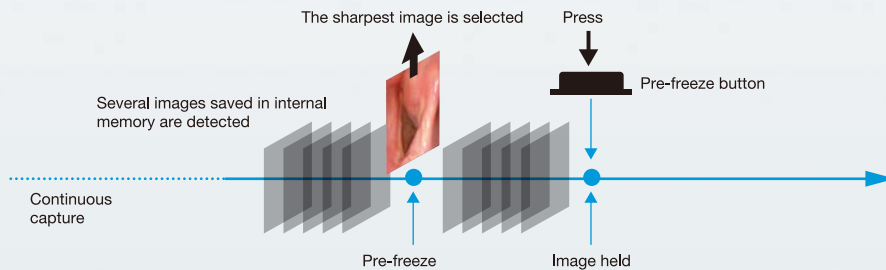
Wide field of view

The ENF-VH has a viewing angle of 110°. And with HD resolution and exceptional illumination, every corner of the field can be thoroughly inspected.



Pre-freeze Function

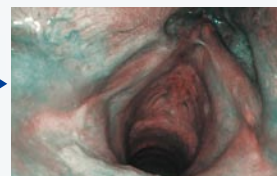
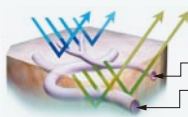
The scope continuously captures still images even before you push the Pre-freeze button. When you press the button, the system automatically selects the sharpest image among several.



NBI (Narrow Band Imaging)

During endoscopic observation, NBI enhances visualization of the capillary network and mucosal morphology.

NBI is an optical imaging technology that enhances the visibility of vessels and other structures on or near the mucosal surface. The gastrointestinal tract is mainly composed of blood vessels and mucosa; narrow band imaging, which is strongly absorbed by hemoglobin and penetrates only the surface of tissues, is ideal for enhancing the contrast between the two. As a result, under narrow band imaging, capillaries on the mucosal surface are displayed in brown and veins in the submucosa are displayed in cyan on the monitor.

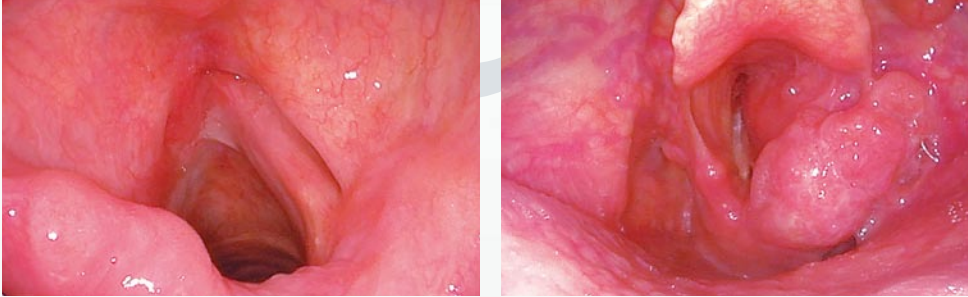


*Allows NBI examination when used with a video system that is NBI compatible.

Astounding Image Quality

HD

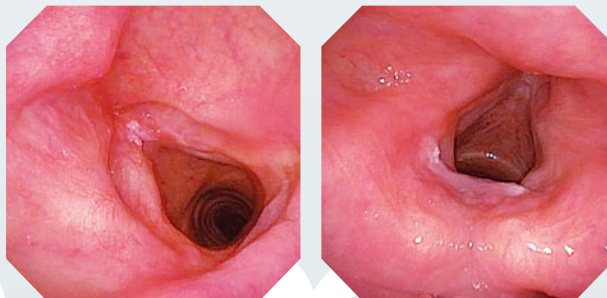
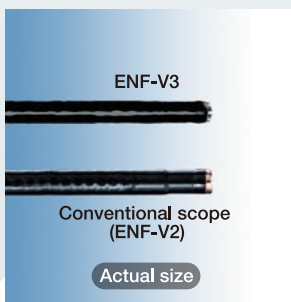
With advances in CCD technology, ENF-VH delivers HD images, which show even greater detail for examinations.



Surprisingly Slim Diameter

Ø 2.6 mm

The distal end of the ENF-V3 scope is only 2.6 mm in diameter. Also, the difference between diameters of the distal end and the insertion tube is minimal. This makes insertion into tight nasal passages much easier. And with the CCD chip's improvement, even this slim scope delivers exceptional image quality.



HD

Pushing the envelope of high definition and seeking ever greater detail OLYMPUS offers two new solutions

Rhino-laryngo videoscope

ENF-VH



Rhino-laryngo videoscope

ENF-V3



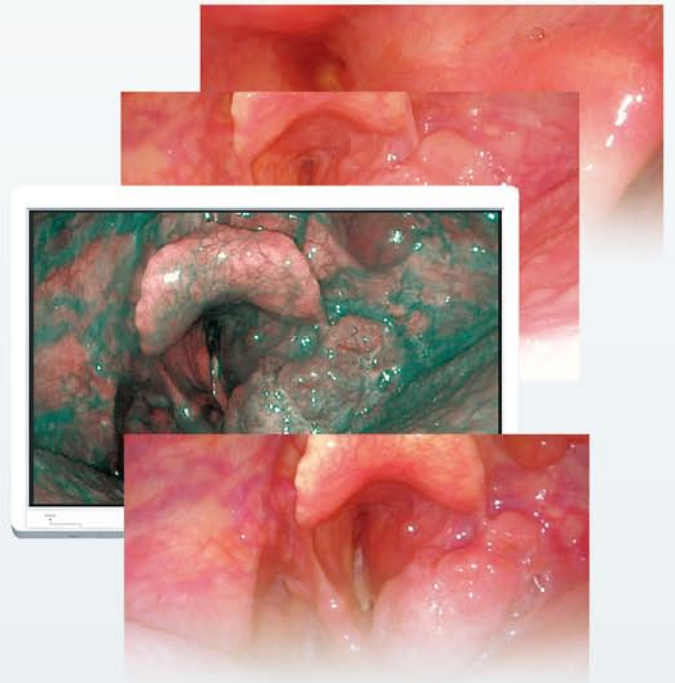
OLYMPUS leads the world in endoscopes. We always listen carefully to physicians and specialists on the medical front lines. Over and over, they have made two comments that particularly resonated with us. "We want to make every diagnosis more accurate." and "We want smoother treatments for our patients." We drew upon our decades of endoscope expertise and combined it with OLYMPUS' proprietary optics technology. Now we can offer two new solutions: ENF-VH, with HD high definition, and ENF-V3, which maintains high image quality while reducing the distal end outer diameter to a mere 2.6 mm. With these two new products, OLYMPUS offers a new examination environment for rhino-laryngo videoscopes.

Ø 2.6

Imaging

ENF-VH, for more detailed images achieved by HD

- HD
- Wide angle
- Exceptional illumination field
- Pre-freeze Function



ENF V3, crisp, high-resolution images with a distal end diameter of only 2.6 mm

- Distal end outer diameter 2.6 mm
- High image quality
- Exceptional illumination field
- Pre-freeze Function

mm

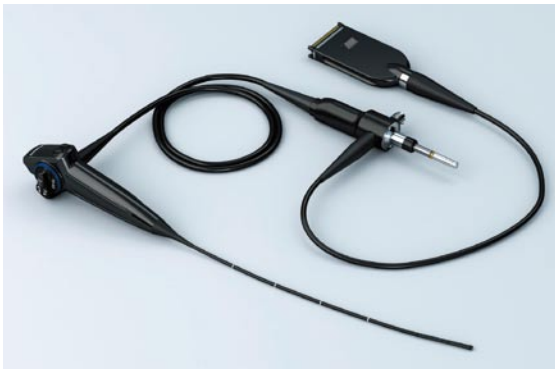
OLYMPUS ENF-VH

OLYMPUS ENF-V3



Specifications

| Type | | ENF-VH | ENF-V3 |
|---------------------------|-------------------------------|-------------------|-----------|
| Optical System | Field of view | 110° | 90° |
| | Depth of field | 5.0-50 mm | 3.5-50 mm |
| Insertion Tube | Distal end outer diameter | 3.9 mm | 2.6 mm |
| | Insertion tube outer diameter | 3.6 mm | 2.9 mm |
| | Working length | 300 mm | |
| Bending Section | Angulation range | Up 130°/Down 130° | |
| Total Length | | 510 mm | |
| Number of Remote Switch | | 4 | |
| NBI | | Available | |
| Stroboscopic Light Source | | Available | |



ENF-VH



ENF-V3

VISERA ELITE System



Video Processor
OTV-S190
HDTV video processor



Xenon Light Source
CLV-S190
Light source to drive HDTV and NBI



Image Management Hub
IMH-20
Two-channel full HD recorder

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