RHINO-LARYNGO VIDEOSCOPE

ENF-VT3

World's First 4-Angle Observation and Treatment with High-Quality Imaging
ENF-VT3 Specifications

**Optical system**
- Field of view: 90˚
- Direction of view: 0˚ (Forward viewing)
- Depth of field: 2 - 50 mm

**Insertion section**
- Distal end outer diameter: ø4.8 mm
- Distal end enlarged
  1. Objective lens
  2. Light guide lens
  3. Instrument channel outlet
- Insertion tube outer diameter: ø4.9 mm
- Insertion section working length: 365 mm

**Instrument channel**
- Channel inner diameter: ø2.0 mm
- Minimum visible distance: 3.5 mm
- Direction from which EndoTherapy accessories enter and exit the endoscopic image

**Bending section**
- Angulation range: UP/DOWN 130˚
- RIGHT/LEFT 70˚

**Total length**: 645 mm

*NBI observation*

Olympus Narrow Band Imaging (NBI) is an optical technology available for a variety of medical disciplines which helps to visualize the most minute vascular and mucosal patterns. NBI uses only wavelengths absorbed by hemoglobin for maximum contrast.

A number of studies highlight the clinical value of NBI, especially with regard to the detection of cancer and characterization of suspicious mucosal areas.

Compared to white-light endoscopy, the images of capillaries are less blurred and the probability of missing a lesion is reduced.

**Compatible with various accessories**

In addition to a variety of therapy accessories, this videoscope is also compatible with laser/high-frequency treatment.

**Accessory Lineup**

- **Single Use Biopsy Forceps**: FB-34C-1, FB-15C-1, FB-21C-1, FB-52C-1, FB-34C-1, FB-19CR-1
- **Reusable Biopsy Forceps**: FB-19C-1, FB-21C-1, FB-52C-1, FB-34C-1, FB-19CR-1
- **Grasping Forceps**: FG-14P-1, FG-20P-1, FG-38SX-1, FG-53SX-1
- **Injector**: MAJ-74 (Sheath) / MAJ-75,76 (Needle)
- **Electrosurgical Accessories**: CD-6C-1, FD-7C-1, SD-18C-1, SD-7C-1, PW-3C-1
- **Spray Catheter**: FD-7C-1, SD-7C-1

**Close focus observation**

Close-up capability of 2 mm enables close-focus observation to support high accuracy in situations requiring greater detail such as observation of minute variations and lesions.

**Even higher image quality**

To improve image quality still more, a high-performance CCD has been incorporated. Observation and treatment of even very small lesions can be performed in a bright, clear field of view.

**World’s First* 4-Direction Angulation**

Featuring the same slim outer diameter as the conventional model, the ENF-VT3 is the world’s first rhino-laryngo videoscope to incorporate 4-direction angulation capability. The addition of 70° right/left angles to the previously available 130° up/down angles has dramatically improved the approach to the lesion. Angulation in four directions is possible using just one hand, so the other hand can simultaneously manipulate a therapy accessory.

* As of July 2017.

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