The world’s first flexible HD cysto-nephro videoscope.
THE NEXT LEVEL OF ENDOSCOPIC IMAGING

**High-Definition TV (HDTV)**

The revolutionary CYF-VH is the first endoscope of its kind to provide a high-definition image in an endoscope this small. NBI (Narrow Band Imaging)

HD NBI potentially allows for a higher and improved detection rate of carcinoma in situ. In order to improve the diagnosis, the brightness of NBI was increased by 20% compared to CYF-V2.

NBI is an optical image-enhancement technology that improves the visibility of vessels and other tissue on the mucosal surface. NBI works by filtering the white light into specific light wavelengths, which are absorbed by hemoglobin and penetrate only the surface of human tissue. This provides improved visual contrast of the surface structures and fine capillary patterns of mucous membranes, which are normally difficult to distinguish.

**New EvolutionTip**

In addition, the tip design improves light emittance and increases the light output by 150% (compared to the CYF-V2).

**Variable stiffness shaft**

To further improve patient comfort, the CYF-VH shaft varies in stiffness:
- Proximally (1), the shaft is stiffer to maintain control in the urethra
- At mid-shaft (2), it is more flexible to minimise pressure and discomfort on sensitive anatomy
- A distal passive bending section (3) allows the scope to bend even further and minimises the potential of damage to the endoscope during normal use

**Improved deflection**

The CYF-VH bends 10° more in each direction with its 220° upward and 130° downward deflection, providing the ability to see and treat all areas of the bladder with ease.

**Large field of view**

The wide 120° field of view provides a panoramic inspection of the entire bladder from the bladder neck.
Ordering information

### Videoscopes
- **CYF-VH**: Flexible cysto-nephro videoscope
- **CYF-VHA**: Flexible cysto-nephro videoscope with suction valve
- **CYF-VHR**: Flexible cysto-nephro videoscope with reverse angulation

### Standard set
The standard set includes one scope plus the following:
- **MAJ-891**: Irrigation/Forceps plug (isolation type), 1/set
- **MAJ-579**: Semi-disposable biopsy valve, 10/set
- **MAJ-209**: Disposable suction valve (CYF-VHA only), 20/set
- **MAJ-1077**: Suction cleaning valve (CYF-VHA only), 1/set
- **MH-507**: Channel-opening cleaning brush, 1/set
- **BW-15B**: Channel cleaning brush, 1/set
- **MAJ-1538**: Sterilisation cap, 1/set

### EndoTherapy accessories
- **FD-7C-1.B**: Hot biopsy forceps
- **FB-19CR-1**: Rotatable biopsy forceps
- **FB-19SX-1**: Biopsy forceps
- **CD-6C-1**: Biopsy forceps
- **CD-6C.B**: Coagulation electrode
- **FG-38SX-1**: Grasping forceps
- **FG-53SX-1**: Grasping forceps
- **SD-7C.B**: Electrosurgical snare
- **SD-18C.B**: Electrosurgical snare
- **FG-24SX-1**: Grasping forceps
- **EGBPS-Y**: Adjustable biopsy port seal for accessories up to 9 Fr, 5/box

*Supplied sterile, single-use, disposable

### Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Details</th>
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<tbody>
<tr>
<td><strong>Optical system</strong></td>
<td>Field of view: 120°</td>
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<tr>
<td></td>
<td>Direction of view: Forward-viewing (0°)</td>
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<tr>
<td></td>
<td>Depth of field: 3–50 mm</td>
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<tr>
<td><strong>Insertion tube</strong></td>
<td>Distal end, outer diameter: 8.1 Fr (2.7mm)</td>
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<tr>
<td></td>
<td>Insertion tube, outer diameter: 16.5 Fr (5.5 mm)</td>
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<td></td>
<td>Working length: 380 mm</td>
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<tr>
<td><strong>Instrument</strong></td>
<td>Inner channel, diameter: 6.6 Fr (2.2 mm)</td>
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<td><strong>Bending section</strong></td>
<td>Angulation range: 220° upwards/130° downwards</td>
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<tr>
<td><strong>Total length</strong></td>
<td>660 mm</td>
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Specifications, design and accessories are subject to change without any notice or obligation on the part of the manufacturer.