URETERO-RENO VIDEOSCOPE

URF-V2/V2R

Ideal for lithotripsy — Clear visualization in a slim video ureteroscope
An extremely slim videoscope is a long-awaited desire of medical professionals, and with this advancement, high insertability and a clear image are attained by the new URF-V2. Every feature contributes to its versatile performance.

**Slim Design**

The URF-V2 features a micromini CCD which enables the outer diameter to be significantly smaller than previous-generation flexible video ureteroscope*1. Just 8.4 Fr at the insertion tube, this is the world’s smallest flexible video ureteroscope currently available*2.

**High Image Quality**

The new chip-on-tip micromini CCD provides a high-quality image that is noticeably clearer than a fiberscope*3. The high-quality and large-size image helps to support more detail and precise observation. As with all OLYMPUS videoscopes, integrated NBI (Narrow Band Imaging) enhances the vessels of a tumor without the need for drugs or dyes.

**Improved Handling**

**Stiff shaft**

The URF-V2 shaft is stiffer than that of its predecessor*1. The stiff shaft is designed for smooth insertion of the scope into the ureter, providing easier access to the kidney. The torque stable shaft helps maximize control throughout the entire procedure.

**Wide angulation range**

The 275° up/down angulation is designed to facilitate access to stones in the upper, mid and lower calyces even when working with a laser fiber.

**Insertion Tube Rotation**

In order to minimize surgeon fatigue, the URF-V2 has an improved insertion tube rotation function than previous model*1. This allows the surgeon to comfortably hold the endoscope in a neutral position and rotate the insertion tube independently. Also it enables easy adjustment of the distal end without twisting the surgeon’s wrist.

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*1: Uretero-reno Videoscope OLYMPUS URF TYPE V  *2: As of April 2014  *3: Uretero-reno Fiberscope OLYMPUS URF-P6
### Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Field of view</th>
<th>80º</th>
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</thead>
<tbody>
<tr>
<td>Direction of view</td>
<td>Forward viewing</td>
<td></td>
</tr>
<tr>
<td>Depth of field</td>
<td>1.5–50 mm</td>
<td></td>
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<tr>
<td>Insertion Tube</td>
<td>Distal end outer diameter</td>
<td>8.5 Fr</td>
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<tr>
<td></td>
<td>Insertion tube outer diameter</td>
<td>8.4 Fr (2.8 mm)</td>
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<tr>
<td></td>
<td>Working length</td>
<td>670 mm</td>
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<tr>
<td>Instrument Channel</td>
<td>Inner channel diameter</td>
<td>3.6 Fr (1.2 mm)</td>
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<tr>
<td></td>
<td>Angulation range</td>
<td>Up 275º/Down 275º</td>
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<tr>
<td>Total Length</td>
<td>980 mm</td>
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</tbody>
</table>

#### Standard set

- **Uretero-reno Videoscope OLYMPUS URF-V2/V2R**: 1
- **Biopsy Valve MAJ-579**: 10
- **Forceps/Irrigation Plug MAJ-891**: 1
- **Sterilization Cap MAJ-1538**: 1
- **Channel-opening Cleaning Brush MH-507**: 1
- **Suction Connector Cleaning Brush BW-15SH**: 1
- **Single Use Single-ended Cleaning Brush BW-400B**: 3

#### Endourology products

- **Uretero-reno Videoscope OLYMPUS URF TYPE V**
- **Uretero-reno Fiberscope OLYMPUS URF-P6/P6R**

#### Accessories

- **Adjustable Biopsy Port Seal OLYMPUS BPS-A**
- **Adjustable Biopsy Port Seal Y-Adapter OLYMPUS BPS-Y**
- **Luer-split OLYMPUS MAJ-2092**

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