URETERO-RENO FIBERSCOPE

URF-P6/P6R

The Super-Slim Flexible Uretero-reno Fiberscope for Laser Lithotripsy
Flexible Ureteroscopy Just Got Smaller

Synergy of Olympus and Gyros ACMI technology
As two of the world's leading innovators in the flexible ureteroscope market, Olympus and Gyros ACMI have joined forces to advance ureteroscopy to the next level. The resulting synergy of URF by Olympus and DUR by Gyros ACMI is taking the medical world by storm with an advanced new product, the URF-P6 super-slim flexible ureteroscope. Making this super-slim flexible ureteroscope is ideal for laser lithotripsy.

Easy Access

Super-Slim Shaft
The URF-P6 is compatible with a 9.5 Fr access sheath, which helps the scope to be insert into smaller ureters. When using a 12 Fr access sheath, the narrow design leaves plenty of room for irrigation outflow, helping to ensure that the scope moves smoothly and that stone fragments can pass easily along the scope while maximizing renal pressure.

Stiff Shaft
Thanks to the adoption of Gyros ACMI technology, the URF-P6's shaft is stiffer than older scopes*. The stiff shaft is designed for smooth insertion of the scope into ureter, providing easier access to the kidney. The torque stable shaft will help maximize control throughout the entire procedure.

Angulation
The 270° up/down angulation is designed to help easier access the stones in upper, mid and lower calyces even when working with a laser fiber.

4.9 Fr EvolutionTip
The 4.9 Fr distal tip was designed with Olympus' unique EvolutionTip to help ensure smooth scope insertion and navigation even through tight anatomy.

Clear Visualization
Excellent image quality even with slimmer design
The URF-P6 maintains the same high quality image that you would expect from Olympus despite the slimmer design. The built-in main filter reduces distortion and provides a sharp clear picture.
The 7.95 Fr super-slim shaft is designed for better irrigation with a 10 Fr access sheath, maximizing image quality during laser lithotripsy.

Theoretical Data
Irrigation Flow with 10 Fr access sheath

<table>
<thead>
<tr>
<th>Access Sheath</th>
<th>Flow Rate (ml/min)</th>
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<tbody>
<tr>
<td>URF-P6</td>
<td>25</td>
</tr>
<tr>
<td>URF-P5</td>
<td>20</td>
</tr>
</tbody>
</table>

54% increased flow
**URF-P6/P6R Specifications**

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<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Optical System</td>
<td>Field of View</td>
<td>90°</td>
</tr>
<tr>
<td></td>
<td>Direction of View</td>
<td>Forward Viewing</td>
</tr>
<tr>
<td></td>
<td>Depth of Field</td>
<td>2 - 50 mm</td>
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<tr>
<td>Insertion Tube</td>
<td>Distal End Outer Diameter</td>
<td>4.9 Fr Evolution tip</td>
</tr>
<tr>
<td></td>
<td>Insertion Tube Outer Diameter</td>
<td>7.95 Fr (2.65 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>3.8 Fr (1.2 mm)</td>
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<tr>
<td>Bending Section</td>
<td>Angulation Range</td>
<td>Up 275°/Down 275°</td>
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<tr>
<td>Total Length</td>
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<td>1050 mm</td>
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</tbody>
</table>

**Standard Set**

- Uretero-Reno Fiberscope OLYMPUS URF-P6 ——— 1
- Biopsy Valve MAJ-579 ——— 10
- Forceps / Irrigation Plug MAJ-891 ——— 1
- ETO Cap MB-156 ——— 1

- Channel-Opening Cleaning Brush MH-507 ——— 1
- Channel Cleaning Brush BW-1SSH ——— 1
- Single Use Single-ended Cleaning Brush BW-400B ——— 1

**Endourology Products**

**Flexible Uretero-Reno Videoscope**

Olympus chip-on-the-tip technology provides a moiré-free, bright image with high color reproduction without the need for a camera head attachment and it eliminates the need to focus.

- **URF-V**
  - 8.5 Fr distal end, 9.9 Fr Insertion tube, 670 mm, 3.6 Fr channel

**Percutaneous Nephroscope**

**OES Pro High-Flow Nephroscope**

By combining the latest hybrid lens technology with a high-flow sheath design, this percutaneous nephroscope offers exceptional image quality.

- **WA33036A** 30° DOV, 4 mm channel, includes attachment A3342
- **WA33037A** Outer sheath, 25 Fr, rotatable

**Semi-Rigid Ureteroscope**

The Olympus semi-rigid ureteroscope provides clear visualization with its fused quartz fiberoptic image bundle in an autoclavable design. The atraumatic tip is designed to help prevent perforation of the urinary tract.

**Single Channel OES Pro Ureteroscope**

- **WA29040A** angled-ocular, 7° DOV, 6.4/7.8 Fr x 430 mm, 4.2 Fr channel
- **WA29041A** angled-ocular, 7° DOV, 6.4/7.8 Fr x 330 mm, 4.2 Fr channel
- **WA29042A** angled-ocular, 7° DOV, 8.6/9.8 Fr x 430 mm, 6.4 Fr channel
- **WA29048A** straight-ocular, 7° DOV, 6.4/7.8 Fr x 430 mm, 4.2 Fr channel
- **WA29049A** straight-ocular, 7° DOV, 6.4/7.8 Fr x 330 mm, 4.2 Fr channel

**Dual Channel OES 4000 Ureteroscope**

- **WA02943A** angled-ocular, 7° DOV, 7.5 Fr x 430 mm, 3.6 Fr & 2.5 Fr channels
- **WA02944A** straight-ocular, 7° DOV, 7.5 Fr x 430 mm, 3.6 Fr & 2.5 Fr channels
- **WA02946A** straight-ocular, 7° DOV, 7.5 Fr x 330 mm, 3.6 Fr & 2.5 Fr channels