

# OLYMPUS®

Your Vision, Our Future

CYSTO-NEPHRO VIDEOSCOPE

## CYF-V2/VA2/V2R

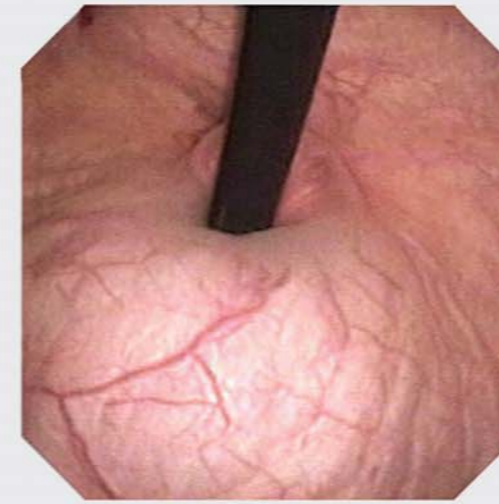
Exceptionally Smooth Insertion with New Tip Design and Brilliant Videoscope Imaging



# Smooth Insertion with Streamlined Tip Design. High-Quality Videoscope Imaging.

To satisfy demand for less invasive and more efficient urologic endoscopes, the new Cysto-Nephro CYF-V2/VA2/V2R Videoscope from Olympus features an exclusive streamlined tip that we call the Evolutiontip. The streamlined, bullet-shaped design provides for ease of insertion with improved patient comfort. Advanced video imaging capability ensures outstanding observation capability with clear, vivid reproduction of internal tissues structures. The CYF-V2/VA2/V2R is ideal for all your needs — from simple office examinations to complex surgical procedures.

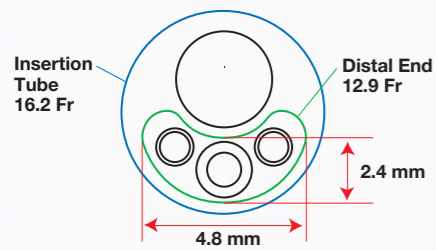
Evolutiontip



## New Evolutiontip design achieves smooth insertion

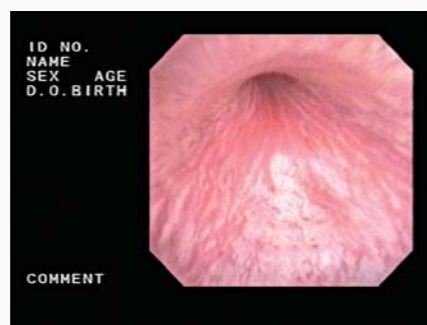
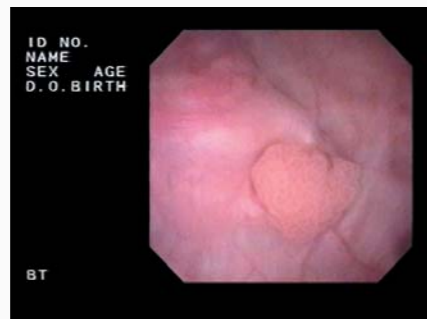
The unique Evolutiontip design features a streamlined, tapered scope tip that significantly enhances insertability without compromising image quality and treatment capabilities. By aligning the angulation direction with the scope tip, this new design makes insertion smoother and helps keep patient discomfort to a minimum.

### Frontal View



## Clear color-consistent imaging with simultaneous multicolor CCD

Our powerful new Simultaneous Multicolor CCD captures stunning moiré-free video images with consistent, stable color reproduction, enabling you to clearly observe minute details of pathological changes.



## Enhanced operability with ergonomic grip and convenient remote control switches

Ergonomically designed and featuring four convenient remote control switches, the control section is comfortable to hold and has a natural grip, and thereby reduces operator fatigue during lengthy procedures. An innovative perfusion system in combination with the one-handed control suction function helps keep the field of view clear throughout the procedure.



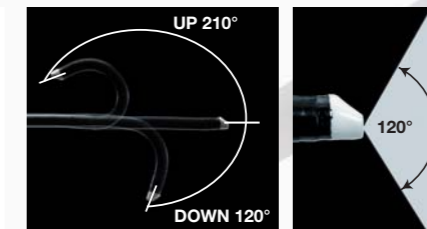
## Compatible with a wide range of surgical procedures

The large  $\phi 2.2$  mm channel allows you to use a wide range of highly versatile instruments. Electrosurgical treatments such as hemostasis and hot biopsies can also be performed.



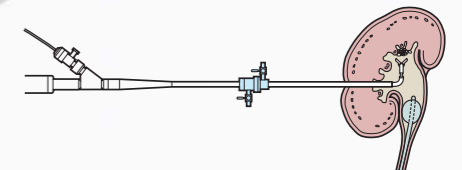
## 120° field of view, 210° up and 120° down angulation

A wide 120° field of view captures both ureteral openings, while flexible angulation (210° up and 120° down) facilitates smooth orientation in the urinary bladder and easier observation of the bladder neck.

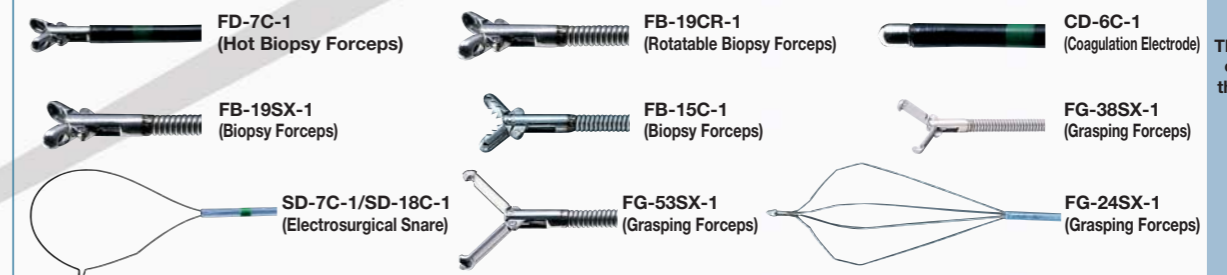


## Can be used for examination/procedure in the kidney

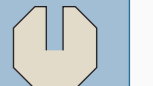
As a Cysto-Nephro Videoscope, this scope can be used not only for bladder examinations, but also for kidney examinations and procedures.



## Wide range of EndoTherapy accessories lineup



The appearance of a forceps in the endoscopic field of view

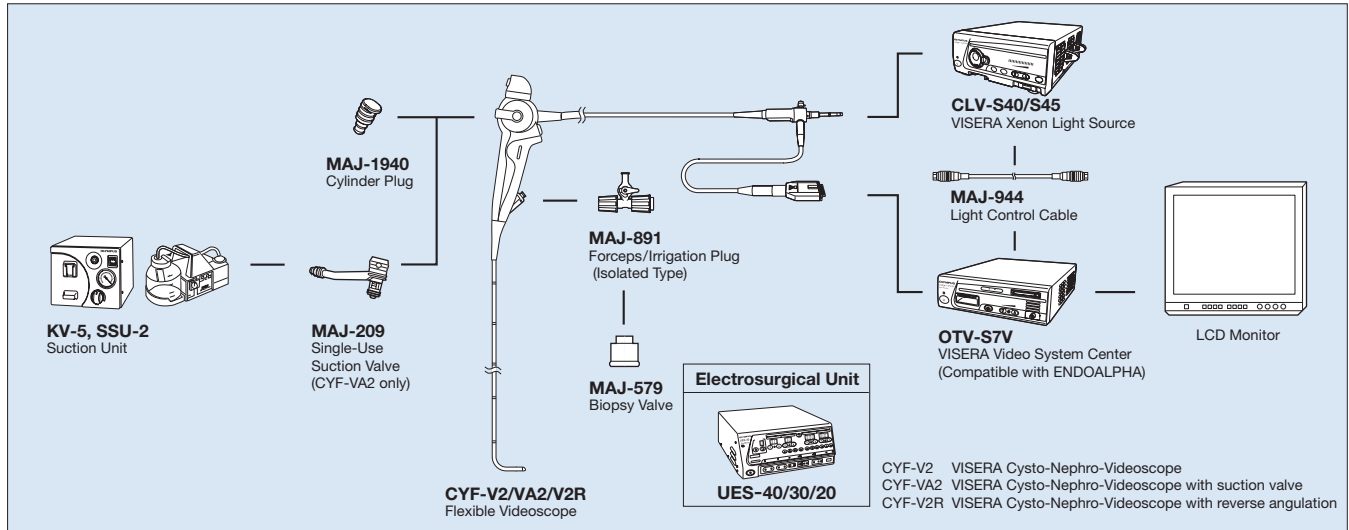


## Leakage Tester



Routine leakage testing is essential for the early detection of punctures. If a puncture is present, water may penetrate the insertion tube during reprocessing and cause severe damage to the endoscope. To avoid this, connect a leakage tester to the scope before cleaning and completely immerse the scope in water for about 30 seconds and check for bubbles. This allows punctures to be detected early and helps to ensure a longer service life for the scope.

## System Chart



### CYF-V2/VA2/V2R Standard Set

- VISERA CYSTO-NEPHRO VIDEOSCOPE CYF TYPE V2/VA2/V2R: 1
- FB-19SX-1 Biopsy Forceps ..... 1
- FG-53SX-1 Grasping Forceps ..... 1
- MAJ-891 Irrigation/Forceps Plug (Isolation Type) ..... 1
- MAJ-579 Semi-Disposable Biopsy Valve ..... 10
- MAJ-209 Single-Use Suction Valve (CYF-VA2 only) ..... 20
- MAJ-1077 Suction Cleaning Valve (CYF-VA2 only) ..... 1
- MH-507 Channel-Opening Cleaning Brush ..... 1
- BW-15B Channel Cleaning Brush ..... 1
- MB-156 ETO Cap ..... 1

### CYF-V2/VA2/V2R Specifications

Optical System	Field of View	120°
	Direction of View	Forward viewing
	Depth of Field	3 - 50 mm
Insertion Tube	Distal End Outer Diameter	12.9 Fr (4.8 mm)
	Insertion Tube Outer Diameter	16.2 Fr (5.4 mm)
	Working Length	380 mm
Instrument Channel	Inner Channel Diameter	6.6 Fr (2.2 mm)
Bending Section	Angulation Range	Up 210°/Down 120°
Total Length		650 mm

### Ancillary Equipment



#### UES-40 Electrosurgical Unit

The UES-40 covers almost every electrocautery need. It is equipped with both monopolar and bipolar modes with various coagulation/cutting output settings, plus conventional TUR and a new TURis mode for resection in saline.



#### OTV-S7V VISERA Video System Center

Select the type that meets your needs. You can also expand functions in the future as your needs change.



#### CLV-S40/S45 VISERA Xenon Light Source

The high-quality xenon lamp provides illumination ideal for endoscopy, allowing observation in deep sites or advanced techniques. Also, the Standby function and Intensity-Mode Memory simplify procedures.



#### KV-5 Endoscopic Suction Pump

Compact and lightweight, this simplified water aspirator's piston-type pump makes it extremely silent. When the 2.0-liter bottle is full, the unit stops suctioning automatically.

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

**OLYMPUS**<sup>®</sup>

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[www.olympus.com](http://www.olympus.com)