

# Uscope

## SINGLE-USE DIGITAL FLEXIBLE URETEROSCOPE

No Scope Repairs  
Consistent Performance for Every Case  
No Reprocessing

**PUSEN**

# Uscope

## From the Company that Designed the First Single-Use Flexible Ureteroscope

The Uscope is the latest innovation from Pusen Medical the makers of the world's first single-use flexible ureteroscope. Pusen has become a world leader in flexible ureteroscopes with the Uscope now being used in over forty countries world-wide. Pusen Medical was founded by Dr. Huang, a well-respected surgeon with over 20 years experience. Our focus has been on bringing high performance affordable ureteroscopes to hospitals through innovation and continual development.

The Uscope offers the same high quality performance found with expensive reusable Digital Flexible Ureteroscopes at a fraction of the cost. With a new scope for every patient, the Uscope ensures dependable performance for every case. Hospitals no longer need to worry about damaged scopes and inconsistent performance, with the Uscope you know what you're getting with every case: no scope repairs, no degradation of scope performance over time, no reprocessing, and no risk of cross-contamination.

The Uscope is ideal for a wide range of operating environments and can be used with its own monitor or with your existing OR monitor. The 270° dual deflection allows for excellent visibility and accessibility to treat a variety of urological conditions, while the lightweight, ergonomic handle with dual buttons for white balancing, image/video capture, image freezing and zooming help reduce operating fatigue.

**Dual Buttons**  
for white balancing, image / video capture, image freezing and zooming

**Self Locking**  
deflection mechanism for reduced surgeon fatigue

**Luer Lock**  
included with every scope

**Lightweight**  
ergonomically designed handle for reduced operating fatigue

**True 1:1**  
torque ratio

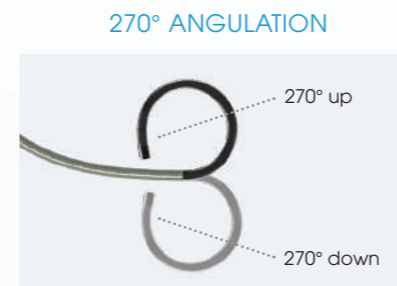
**3.6 F**  
working channel

**270° Deflection**  
in both directions

**Passive Deflection**  
for easier navigation of the UPJ

### Why the Uscope Single-Use Digital Flexible Ureteroscope for Your Hospital

- No costly scope repairs
- No capital investment budget required
- Fixed cost per case
- Elimination of timely and costly reprocessing
- No delays due to reusable scope availability
- No cross contamination risk



### Environmental

Pusen is committed to a healthy environment. With this in mind we have designed the Uscope and it's packing to reduce the environmental impact. The use of the Uscope helps reduce the wastes from disinfecting tools and the harmful chemicals used as well as your water and energy usage. We have also kept the environment in mind when designing our packaging which is minimized to create less waste. The cardboard and plastic packaging is 100% recyclable. One of the smallest environmental footprints with up to 40% less packaging than leading competitors.

## Uscope Specifications

OPTICAL SYSTEM	
Field of view	90°
Line of vision	0°
Depth of field	3-50 mm
Illumination	Optical fiber

INSERTION PORTION	
Deflection of distal tip	270° up, 270° down
Insertion tube outer diameter	9.5 Fr
Diameter of distal tip	9 Fr
Working length	650 mm

CHANNEL	
Working channel	3.6 Fr

## Video System Specifications

VIDEO CONSOLE	
Max. Resolution	1920 x 1080
Connections	DVI, VGA, SDI, VIDEO
Dimensions	311 mm x 188 mm x 65 mm
Weight	2.3 Kg

VIDEO CONSOLE WITH MONITOR	
Max. resolution	1024 x 768
Orientation	Landscape
Display type	12.1" color TFT LCD
Storage capacity	8 GB
Connections	USB, RCA, HDMI
Dimensions	315 mm x 308 mm x 187 mm
Weight	4.3 kg

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