



Ureterorenoscope System

6.3Fr: A New Era in Ureterscopy

What can be brought to ureteroscopy by making the f-URS slimmer?

- Enhance stone clearance capacity
- Decrease pre/post-stenting process
- Offer more space for intra-renal temperature and pressure management

HU30M



FDA 510(K) Cleared
K240374

Image processor



MS-8

An all-in-one, touch-screen platform with touch-screen management for medical imaging and case management, designed to meet the rigorous demands of both operating rooms and endoscopy suites.

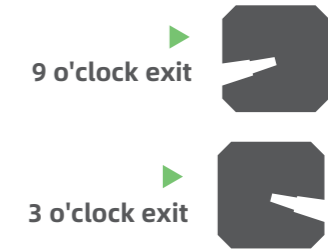


HUV-02

The compact system features a flat design, Full HD output resolution, and five output interfaces to support all monitors.

3 Optional Combinations

- Logic deflection + 9 o'clock instrument exit
- Anti-logic deflection + 9 o'clock instrument exit
- Anti-logic deflection + 3 o'clock instrument exit



Single-use Ureterorenoscope

Good maneuverability

Specifications M

Single-use ureterorenoscope-HU30M

Insertion Tube Diameter	6.3Fr	Working Length	650 mm
Working Channel Diameter	3.6Fr	Total Length	905 mm
Bending Angle	280° up/down	View Angle	120°
Insertion Rotation	120° left/right	View Depth	3-50 mm

Order Information

Product M

Single-use ureterorenoscope-HU30M

Anti-logic Deflection (L)	8000B-PA025
Logic Deflection (L)	8000B-PA031
Anti-logic Deflection (R)	8000B-PA030

Image Processor

MS-8	2288B-PA003
HUV-02	2201B-PA004



Enhanced Bending Section

280° up and down bending angle offers much compensation even with placement of instruments or laser fibers.



A
B

Customizable Buttons

Two customizable fast buttons on the scope for convenient operations, such as photographing, video recording, and white balancing, etc.

Large Working Channel

Allows for smooth instrument insertion and effective irrigation, optimizing procedural efficiency.

6.3Fr

Outer Diameter

3.6Fr

Working Channel

Ureterorenosope System



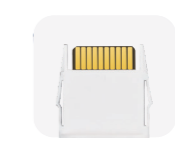
Insertion tube rotation

Easier to explore and facilitate team collaboration



High Image Quality

Provides exceptional visibility within the urinary tract, and delivers consistent, high-quality illumination throughout the procedure.



Gold-finger Connector

The gold-finger connector features excellent corrosion resistance, conductivity, and effective electromagnetic shielding, ensuring high-speed and stable signal transmission.



Bending Reliability

Multiple-spots welding technology strengthens its bending reliability, even under the "double bending" situation, the scope can keep its bending angle with the instrument to face those special cases such as "horseshoe kidney".

Ureterorenoscope System

Slim yet powerful 7.5Fr

What can be brought to ureteroscopy by making the f-URS slimmer?

- Enhance stone clearance capacity
- Decrease pre/post-stenting process
- Offer more space for intra-renal temperature and pressure management



9 o'clock exit 



3 o'clock exit 



3 Optional Combinations

- Logic deflection + 9 o'clock instrument exit
- Anti-logic deflection + 9 o'clock instrument exit
- Anti-logic deflection + 3 o'clock instrument exit

Single-use Ureterorenoscope

Good maneuverability

Specification

Single-use ureterorenoscope-HU30S

Insertion Tube Diameter	7.5Fr	Working Length	650 mm
Working channel Diameter	3.6Fr	Total Length	905 mm
Bending Angle	280° up/down	View Angle	120°
Insertion Rotation	120° left/right	View Depth	3-50 mm

Order Information

Product

Item Code

Single-use ureterorenoscope-HU30S

Anti-logic Deflection (L)	8000B-PA034
Logic Deflection (L)	8000B-PA036
Anti-logic Deflection (R)	8000B-PA035
Image Processor	
M5-8	2288B-PA003
HUV-02	2201B-PA004

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



HU30S

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K240374



A
B

Customizable Buttons

Two customizable fast buttons on the scope for convenient operations, such as photographing, video recording, and white balancing, etc.



Bending Reliability

Multiple-spots welding technology strengthens its bending reliability, even under the "double bending" situation, the scope can keep its bending angle with the instrument to face those special cases such as "horseshoe kidney".



Large Working Channel

Allows for smooth instrument insertion and effective irrigation, optimizing procedural efficiency.



7.5Fr

Outer Diameter

3.6Fr

Working Channel

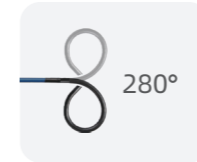
Ureterorenoscope System

HUG30S



Gold-finger Connector

The gold-finger connector features excellent corrosion resistance, conductivity, and effective electromagnetic shielding, ensuring high-speed and stable signal transmission.



Enhanced Bending Section

280° up and down bending angle offers much compensation even with placement of instruments or laser fibers.

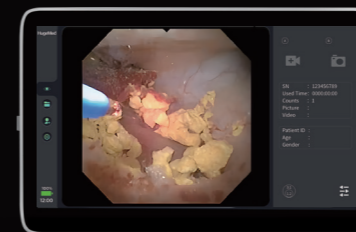


Left/right Rotation

The 120° left and right insertion tube rotation facilitates distal tip direction adjustment, enabling easier access to the target area and enhancing maneuverability.



MS-8



An all-in-one, touch-screen platform with touch-screen management for medical imaging and case management, designed to meet the rigorous demands of both operating rooms and endoscopy suites.

HUV-02



The compact system features a flat design, Full HD output resolution, and five output interfaces to support all monitors.

Ureterorenoscope System

Specification / Datasheet

Safety

Standard Class II, 21CFR 876.1500 / Ureteroscope And Accessories, Flexible/Rigid / FGB

Single-use Ureterorenoscope

Model	HU30M		
Item No.	8000B-PA025	8000B-PA030	8000B-PA031
Type	Anti-logic Deflection	Anti-logic Deflection	Logic Deflection
Field of View	120°±15% in the air	120°±15% in the air	120°±15% in the air
Direction of View	0°	0°	0°
Depth of Field	3-50 mm	3-50 mm	3-50 mm
Insertion Tube Outer Diameter	6.3 Fr	6.3 Fr	6.3 Fr
Maximum Size of Insertion Portion	6.3 Fr	6.3 Fr	6.3 Fr
Working Channel Inner Diameter	3.6 Fr	3.6 Fr	3.6 Fr
Bending Angle (Up/Down)	280° / 280°	280° / 280°	280° / 280°
Insertion Tube Rotation (Left/Right)	120° / 120°	120° / 120°	120° / 120°
Working Length	650mm±3%	650mm±3%	650mm±3%
Total Length	905mm±3%	905mm±3%	905mm±3%
Weight	≤ 0.24 kg	≤ 0.24 kg	≤ 0.24 kg

Control Button Two buttons (Photo & Video & Freeze & White Balance & Zoom & Disable)

Enlarged View of the Distal End

1. CMOS Sensor
2. LED Light Source
3. Instrument Channel Outlet

Instrument Channel
(direction from which instruments enter and exit the image)

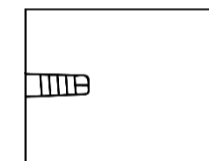
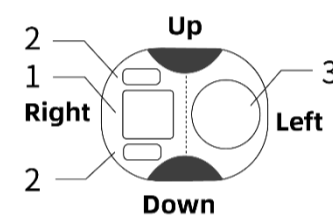
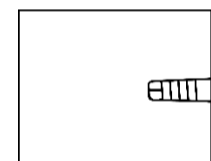
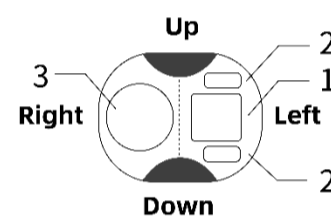
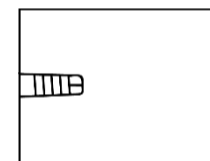
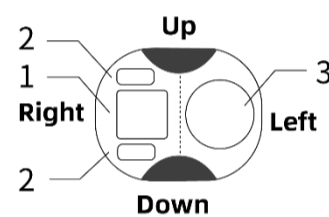


Image Processor

Model	MS-8
Operating	Temperature: 5°C-40 °C, atmospheric pressure: 800hPa-1060hPa, humidity: 30%-80%.
Storage	Temperature: -10°C-45 °C, atmospheric pressure: 800hPa-1060hPa, humidity: 30%-80%.
Transportation	Temperature: -20°C-50 °C, atmospheric pressure: 800hPa-1060hPa, humidity: 20%-90%.

Physical Specification

Dimensions 386.4 (h) x 253.6 (w) x 38.5 (d) mm

Weight 2.7 kg

Display

Display Size	15.6 inches
Aspect Ratio	16:9
Display Resolution	1920*1080 px FHD
Display Type	Color TFT-LCD with touch screen
Dual Scope Display	Automatically activated when two scopes are simultaneously connected to MS-8.

- Scope A (USB-C port)
- Scope B (Edge Connector port)

Display Rotation Supported

Function of Settings

Scope Button Configuration	Button A/B: White Balance, Zoom In/Out, Snapshot, Video Recording, Freeze, Disabled
Image Adjustment	LED Level / Sharpness / Color Tone / Contrast
Language	Simplified Chinese, English, French, German, Spanish, Portuguese, Norwegian, Swedish, Finnish, Italian, Russian, Traditional Chinese, Japanese, Persian, Romanian, Korean, etc.
Pre-Recording	Patient Information Management - Enabled/Disabled
Image Border	



Laser Filter Insufficient laser fiber protrusion warning - Enabled/Disabled
Image quality improvement by reducing laser interference- Enabled/Disabled

Connectivity

USB I (USB-A) Data transfer & system upgrades

Ureterorenoscope System



Specification / Datasheet

	Keyboard & Mouse
	Printer
	Barcode scanner
VL Port (USB-C)	For connection with endoscopes supporting USB-C cables
Endoscope Port (Edge Connector)	For connection with endoscopes supporting edge connector cables
DC	Power supply
USB II (USB-A)	For developers only
HDMI	High-definition multimedia interface (HDMI) port, for connection with external monitors
SDI	Serial digital interface (SDI) port, for connection with external monitors
DVI	Digital visual interface (DVI) port, for connection with external monitors
Output Resolution	1920*1080 px FHD (Max)
Recording Function	
Recording Format	JPG/Bmp for snapshots; MP4 for videos(Low/Medium/High)
Memory Capacity	
Audio Recording	Supported
File & Folder Renaming	Supported
Case Templates	Supported
Power Supply	
Power Adapter Input	AC 100-240V 50/60Hz, 1.5A Max (Battery charger)
Battery	Rechargeable lithium battery, DC 7.4V, 9500 mAh
Continuous Working Time*	Maximum 5 hours
	*The battery needs to be replaced if the working time is less than 30 minutes.
Mounting Interface	
Mounting Interface Standard	VESA MIS-D 100/75, C compliant displays with mounting interface
Cleaning and Disinfection	Note: Do not pour any liquid into MS-8 or immerse it in any liquid.
Recommended Cleaning Method	It is recommended to wipe MS-8 with water mixed with detergents or enzyme solutions for cleaning.
Recommended Disinfection Method	It is recommended to wipe MS-8 with 75% medical alcohol for disinfection.

Product specifications, design, and accessories are subject to change without prior notice or obligation from the manufacturer.

FDA 510(K) Cleared K240374

Ureterorenoscope System

Specification / Datasheet

Safety

Standard Class II, 21CFR 876.1500 / Ureteroscope And Accessories, Flexible/Rigid / FGB

Single-use Ureterorenoscope

Model	HU30S		
Item No.	8000B-PA034	8000B-PA035	8000B-PA036
Type	Anti-logic Deflection	Anti-logic Deflection	Logic Deflection
Field of View	120°±15% in the air	120°±15% in the air	120°±15% in the air
Direction of View	0°	0°	0°
Depth of Field	3-50 mm	3-50 mm	3-50 mm
Insertion Tube Outer Diameter	7.5 Fr	7.5 Fr	7.5 Fr
Maximum Size of Insertion Portion	7.5 Fr	7.5 Fr	7.5 Fr
Working Channel Inner Diameter	3.6 Fr	3.6 Fr	3.6 Fr
Bending Angle (Up/Down)	280° / 280°	280° / 280°	280° / 280°
Insertion Tube Rotation (Left/Right)	120° / 120°	120° / 120°	120° / 120°
Working Length	650mm±3%	650mm±3%	650mm±3%
Total Length	905mm±3%	905mm±3%	905mm±3%
Weight	≤ 0.24 kg	≤ 0.24 kg	≤ 0.24 kg

Control Button Two buttons (Photo & Video & Freeze & White Balance & Zoom & Disable)

Enlarged View of the Distal End

1. CMOS Sensor
2. LED Light Source
3. Instrument Channel Outlet

Instrument Channel
(direction from which instruments enter and exit the image)

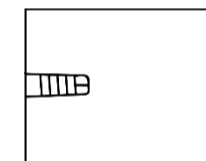
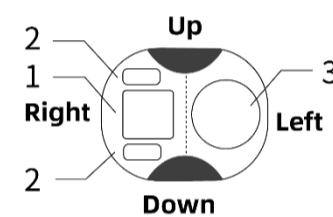
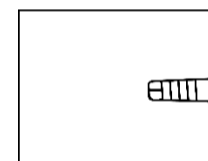
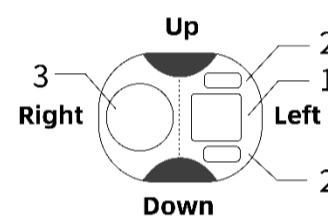
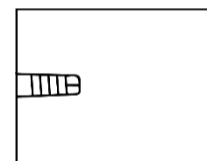
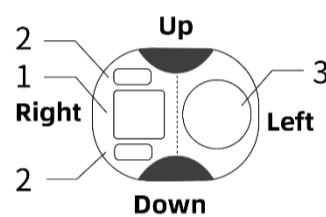


Image Processor

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Physical Specification

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Weight 2.7 kg

Display

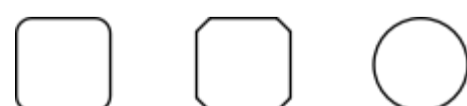
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- Scope A (USB-C port)
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Display Rotation Supported

Function of Settings

Scope Button Configuration	Button A/B: White Balance, Zoom In/Out, Snapshot, Video Recording, Freeze, Disabled
Image Adjustment	LED Level / Sharpness / Color Tone / Contrast
Language	Simplified Chinese, English, French, German, Spanish, Portuguese, Norwegian, Swedish, Finnish, Italian, Russian, Traditional Chinese, Japanese, Persian, Romanian, Korean, etc.
Pre-Recording	Patient Information Management - Enabled/Disabled
Image Border	



Laser Filter Insufficient laser fiber protrusion warning - Enabled/Disabled
Image quality improvement by reducing laser interference- Enabled/Disabled

Connectivity

USB I (USB-A) Data transfer & system upgrades

Ureterorenoscope System



Specification / Datasheet

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Recording Format	JPG/Bmp for snapshots; MP4 for videos(Low/Medium/High)
Memory Capacity	
Audio Recording	Supported
File & Folder Renaming	Supported
Case Templates	Supported
Power Supply	
Power Adapter Input	AC 100-240V 50/60Hz, 1.5A Max (Battery charger)
Battery	Rechargeable lithium battery, DC 7.4V, 9500 mAh
Continuous Working Time*	Maximum 5 hours
	*The battery needs to be replaced if the working time is less than 30 minutes.
Mounting Interface	
Mounting Interface Standard	VESA MIS-D 100/75, C compliant displays with mounting interface
Cleaning and Disinfection	Note: Do not pour any liquid into MS-8 or immerse it in any liquid.
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