



f-URS enters the era of 6.3_{FR}

Ureterorenoscope
System

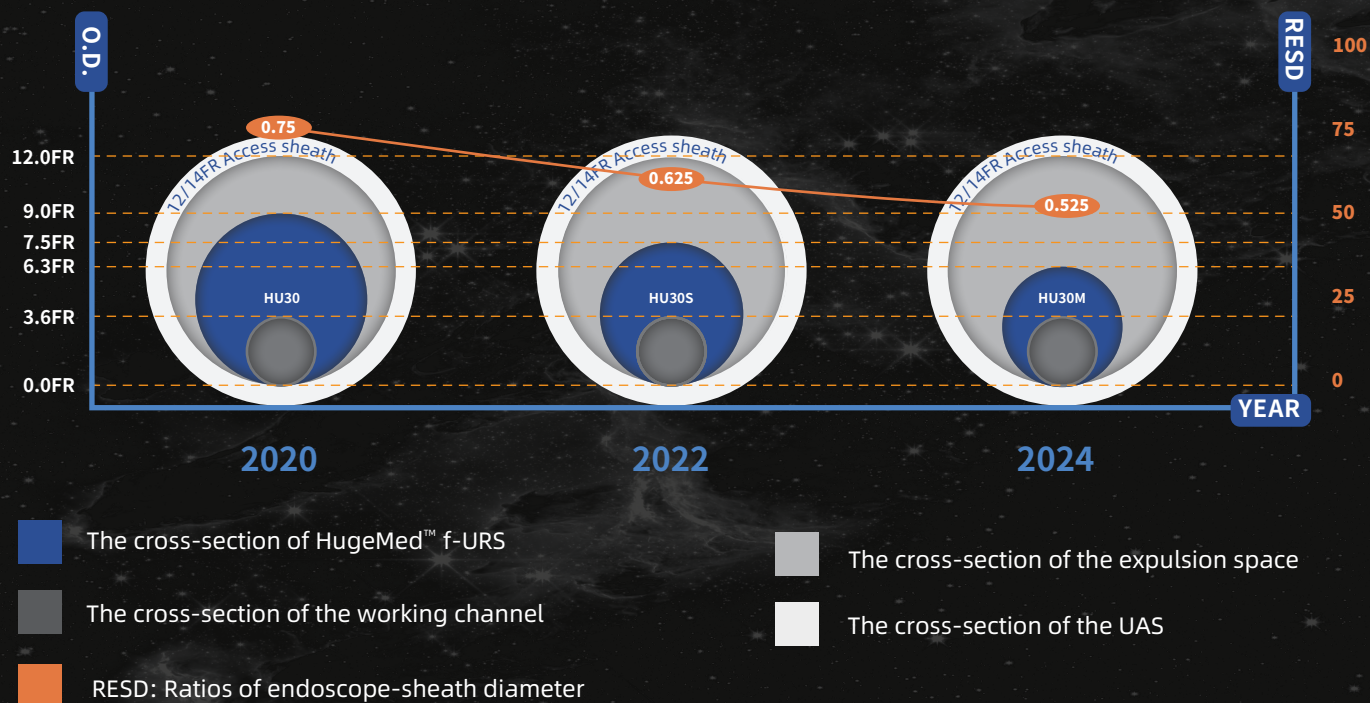
HU30M

Model	Insertion Tube Diameter	Working Channel Diameter	Working Length	Field of View
HU30M	6.3FR	3.6FR	650mm	120°

FDA 510(K) Cleared
K240374

HU series f-URS

EVOLUTION



Connection

Gold Fingers PCB plug

- Smooth insertion
- Provide traceability for each scope
- Stable electrical conductivity

Flexibility

120° left and right Insertion tube rotation

- Increase mobility of exploration
- Aim at targets more accurately
- Enhance team collaboration

Decrease Stenting

Procedure in pre-operation and post-operation

- More primary ureteroscopy
- Minimize the length of hospital stays
- An alternative to emergency stenting

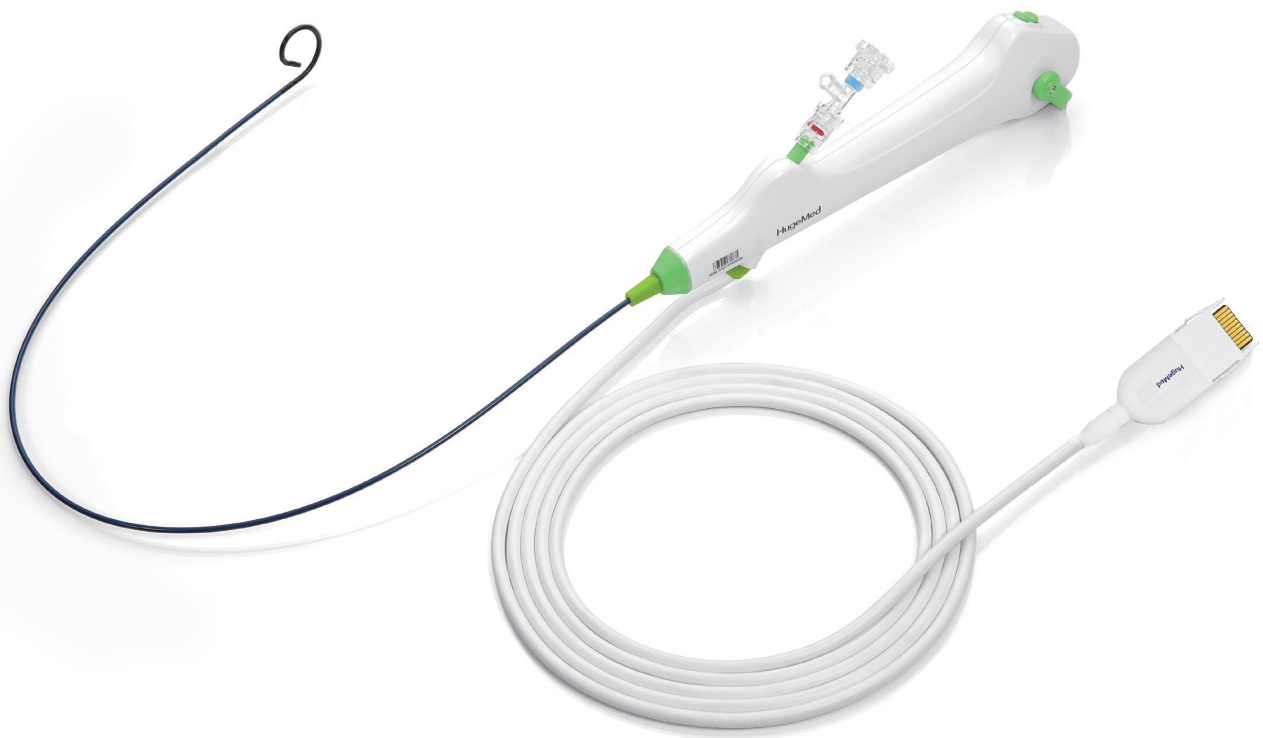
Ordering information

Product	Item code
Single-use ureterorenoscope-HU30M	
EU Standard (Anti-logic Deflection) (L)	8000B-PA025
US Standard (Logic Deflection) (L)	8000B-PA031
EU Standard (Anti-logic Deflection) (R)	8000B-PA030

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

Ureterorenoscope System

HU30S 7.5 Fr



Model	Insertion Tube Diameter	Working Channel Diameter	Working Length	Field of View
HU30S	7.5FR	3.6FR	650mm	120°

FDA 510(K) Cleared
K240374



Welcome to the time of Mini-RIRS

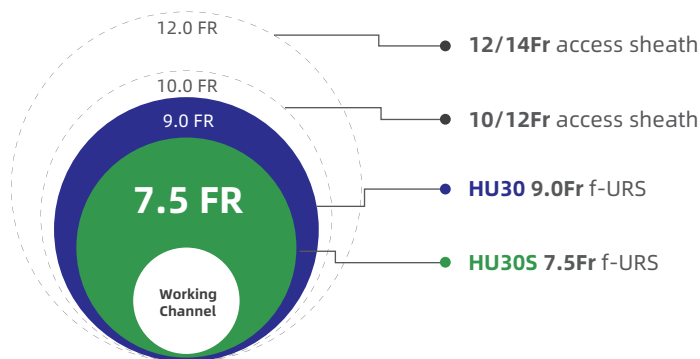
Slim for more

- More safety
- More expelling
- More application

7.5 FR

Single-use Ureterorenoscope

HU30S



It provides 39% more irrigation flow per unit time than those common 9.0FR f-URS, which helps to reduce the complications caused by high intrarenal pressure.

Ordering information

Product	Item code
Single-use ureterorenoscope-HU30S	
EU Standard (Anti-logic Deflection) (L)	8000B-PA034
US Standard (Logic Deflection) (L)	8000B-PA036
EU Standard (Anti-logic Deflection) (R)	8000B-PA035

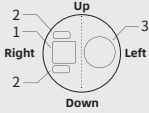
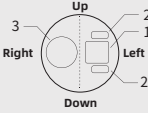
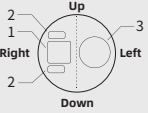



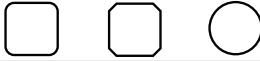
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**Ureterorenoscope
system**



HU30M Datasheet

Safety	Standard	Class II, 21CFR 876.1500 / Ureterscope And Accessories, Flexible/Rigid / FGB		
	Operating	Temperature: 0°C-40 °C, atmospheric pressure: 700hPa-1060 Pa, humidity: 30%-85%.		
Single-use Ureterorenoscope	Storage	Temperature: 0°C-45 °C, atmospheric pressure: 700hPa-1060 Pa, humidity: 30%-95%.		
	Model	HU30M		
	Item No.	8000B-PA025	8000B-PA030	8000B-PA031
	Type	EU Standard (Anti-logic Deflection)	EU Standard (Anti-logic Deflection)	US Standard (Logic Deflection)
	Image sensor	CMOS (Complementary Metal Oxide Semiconductor) Chip-on-tip	CMOS (Complementary Metal Oxide Semiconductor) Chip-on-tip	CMOS (Complementary Metal Oxide Semiconductor) Chip-on-tip
	Camera resolution	6.6 Lp/mm	6.6 Lp/mm	6.6 Lp/mm
	View angle	120°±15% in the air	120°±15% in the air	120°±15% in the air
	Direction of view	0°	0°	0°
	View depth	3-50 mm	3-50 mm	3-50mm
	Insertion tube diameter	6.3Fr	6.3Fr	6.3Fr
	Maximum size of insertion portion	6.3Fr	6.3Fr	6.3Fr
	Working channel	3.6Fr	3.6Fr	3.6Fr
	Light source	LED on tip	LED on tip	LED on tip
	Optical system performance	LED light sources each 500 lux, light temperature 3000 K	LED light sources each 500 lux, light temperature 3000 K	LED light sources each 500 lux, light temperature 3000 K
	Bending angle(up/down)	280° Up/ Down	280° Up/ Down	280° Up/ Down
	Working length	650 mm ±3%	650 mm ±3%	650 mm ±3%
	Total length	905 mm ±3%	905 mm ±3%	905 mm ±3%
	Weight	≤0.28 Kg	≤0.28 Kg	≤0.28 Kg
	Control button	Two Buttons (Photo & Video & Freeze & White Balance & Zoom & Disable)	Two Buttons (Photo & Video & Freeze & White Balance & Zoom & Disable)	Two Buttons (Photo & Video & Freeze & White Balance & Zoom & Disable)
Image Processor	Sterilisation method before out of factory	EtO (Ethylene Oxide)	EtO (Ethylene Oxide)	EtO (Ethylene Oxide)
	Enlarged view of tip 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		
	Display resolution	1920*1080 px		
	Display type	Color TFT LCD with touch screen		
	Display orientation	Support dual-view display, rotation function		
	Function of Setting			
	Scope button configuration	Function of A/B: White Balance, Zoom, Taking photo, Video recording, Freezing, Disable		
	Image adjustment	LED Level/Sharpness/Color Tone/Contrast		
	Language	English, French, German, Spanish, Portuguese, Swedish, Finnish, Norsk, Italian, Russian and Chinese		
	Pre-recording	Control function of Patient Information Management on/off		
	Image border			
	Output interface			
	USB I	Connect to the USB flash drive for data transfer or updating system		
	Digital video output	HDMI, DVI and SDI for connectivity to the external monitor		
	Output resolution	Full HD 1920*1080 px		
	Input interface			
	VL-port	For connection with endoscope which configured with the USB Type-C cable		
	Endoscope Port	For connection with endoscope with the edge connector		
	DC	Power supply		
	USB II	Only for developers debugging the software of endoscope		
	Recording function			
	Recording format	JPG for photograph or MP4 for video		
	Memory capacity	64 GB including operating system		
	Audio recording	No		
	Power supply			
	Power adapter input	AC 100-240V 50/60Hz, 1.5A Max(Battery charger)		
	Battery	Lithium battery rechargeable, DC 7.4V, 9500 mAh		
	Battery continuous working time*	Maximum 5 hours when battery under good condition and normal usage		
	Mounting interface			
	Mounting interface standard	VESA MIS-D 100/75, C compliant displays with mounting interface		
	Cleaning and Disinfection			
	Recommended cleaning method	It is recommended that wiped by water mixed with detergents or enzymatic solution for cleaning.		
	Recommended disinfection method	It is recommended that wiped by 75% medical alcohol.		

*The battery needs to be replaced if working time is less than 30 mins.

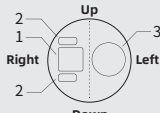
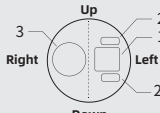
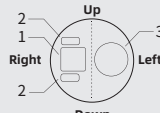
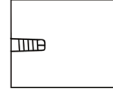


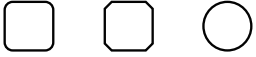


**Ureterorenoscope
system**

HU30S **Datasheet**

HU30S Ureterorenoscope System

Specification Datasheet

Safety	Standard	Class II, 21CFR 876.1500 / Ureterscope And Accessories, Flexible/Rigid / FGB		
	Operating	Temperature: 0°C-40 °C, atmospheric pressure: 700hPa-1060hPa, humidity: 30%-85%.		
	Storage	Temperature: 0°C-45 °C, atmospheric pressure: 700hPa-1060hPa, humidity: 30%-95%.		
Single-use Ureterorenoscope	Model	HU30S		
	Item No.	8000B-PA034	8000B-PA035	8000B-PA036
	Type	EU Standard (Anti-logic Deflection)	EU Standard (Anti-logic Deflection)	US Standard (Logic Deflection)
	Image sensor	CMOS Chip-on-tip (Complementary Metal Oxide Semiconductor)	CMOS Chip-on-tip (Complementary Metal Oxide Semiconductor)	CMOS Chip-on-tip (Complementary Metal Oxide Semiconductor)
	Camera resolution	6.6 Lp/mm	6.6 Lp/mm	6.6 Lp/mm
	View angle	120°±15% in the air	120°±15% in the air	120°±15% in the air
	Direction of view	0°	0°	0°
	View depth	3-50mm	3-50mm	3-50mm
	Insertion tube diameter	7.5Fr	7.5Fr	7.5Fr
	Mean working channel inner diameter	3.6Fr	3.6Fr	3.6Fr
	Maximum width of insertion portion	7.5Fr	7.5Fr	7.5Fr
	Optical system performance	LED light sources each 500 lux, light temperature 3000k.	LED light sources each 500 lux, light temperature 3000k.	LED light sources each 500 lux, light temperature 3000k.
	Bending(up/down)	280°Up/Down	280°Up/Down	280°Up/Down
	Working length	650 mm ±3%	650 mm ±3%	650 mm ±3%
	Full length	905 mm ±3%	905 mm ±3%	905 mm ±3%
	Light source	LED on tip	LED on tip	LED on tip
	Weight	≤0.24 Kg	≤0.24 Kg	≤0.24 Kg
	Control button	Two buttons (Photo & Video & Freeze & White Balance & Zoom & Disable)	Two buttons (Photo & Video & Freeze & White Balance & Zoom & Disable)	Two buttons (Photo & Video & Freeze & White Balance & Zoom & Disable)
	Sterilisation method before out of factory	EtO (Ethylene Oxide)	EtO (Ethylene Oxide)	EtO (Ethylene Oxide)
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	Display type	Color TFT LCD with touch screen		
	Display orientation	Support dual-view display, rotation function		
	Function of Setting			
	Scope button configuration	Function of A/B: White Balance, Zoom, Taking photo, Video recording, Freezing, Disable		
	Image adjustment	LED Level/Sharpness/Color Tone/Contrast		
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	Image border			
	Output interface			
	USB I	Connect to the USB flash drive for data transfer or updating system		
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	DC	Power supply		
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	Recording function			
	Recording format	JPG for photograph or MP4 for video		
	Memory capacity	64 GB including operating system		
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	Power supply			
	Power adapter input	AC 100-240V 50/60Hz, 1.5A Max(Battery charger)		
	Battery	Lithium battery rechargeable, DC 7.4V, 9500 mAh		
	Battery continuous working time*	Maximum 5 hours when battery under good condition and normal usage		
	Mounting interface			
	Mounting interface standard	VESA MIS-D 100/75, C compliant displays with mounting interface		
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