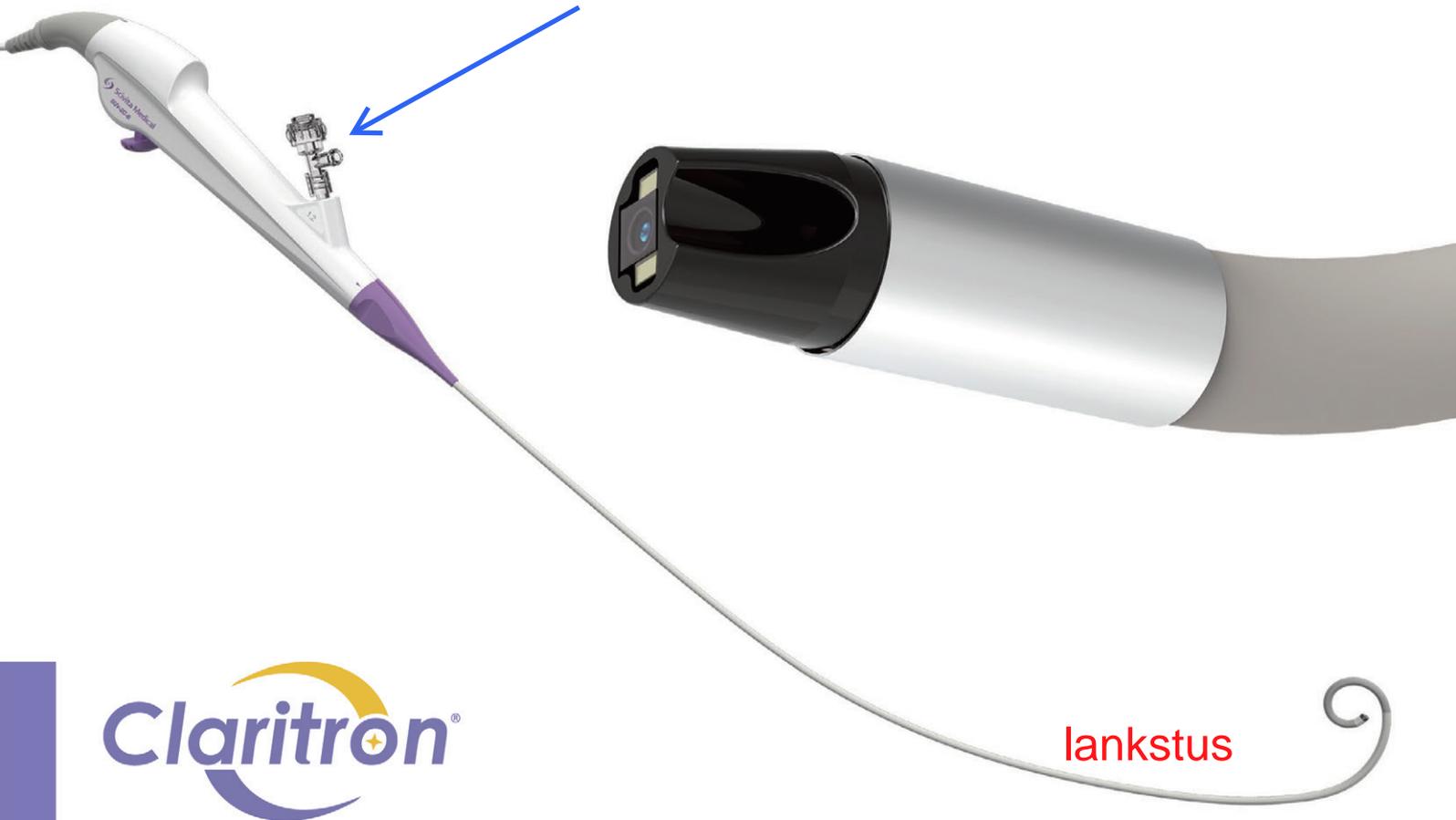


1 p.d.



su irigacijos ir instrumentų įvedimo jungtimis



**Claritron**<sup>®</sup>

lankstus

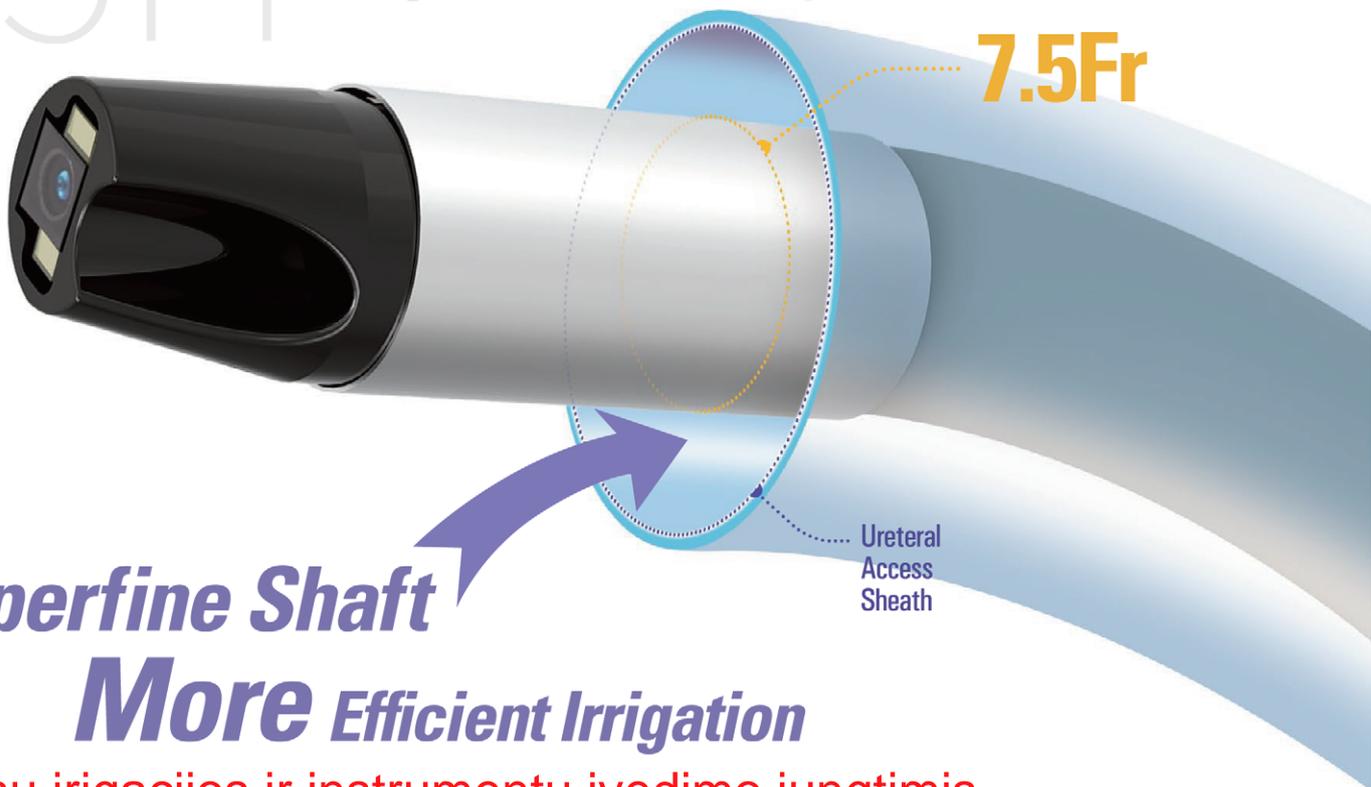
# 7.5Fr

## Single-use Ureteroscope

vienkartinio naudojimo

1 p.d.

# 7.5Fr SUV-2C-B Single-use Ureteroscope



## Superfine Shaft More Efficient Irrigation

su irigacijos ir instrumentų įvedimo jungtimis



**Irrigation Up By 150 %** (Compared with 9.0Fr Ureteroscope in 12Fr Ureteral Access Sheath)

Thinner and uniform 7.5Fr access shaft, which allows for increased flow of irrigation fluid around the ureteroscope to maintain lower intrarenal pressure.



Distalinio galo diametras 7,5 Fr  
Išorinis įvedimo sistemos (vamzdelio) diametras 7,5Fr

### Easier Insertion

The 7.2Fr distal end and 7.5Fr shaft are designed for easier insertion and less traumatic for patients. Also, it is more suitable for use with children.



### High Performance

I Additional  $\pm 60^\circ$  Rotation Function  
I Excellent Passive Bending

Product Code	SUV-2C-B
Outer Diameter of Insertion Section	7.5Fr/2.5mm
Outer Diameter of distal End	7.2Fr/2.4mm
Working Length <small>darbinis ilgis</small>	680mm
Total Length <small>bendras ilgis</small>	990mm
Working Channel (ID) <small>darbinio kanalo diametras</small>	3.6 Fr/1.2mm
Field of View <small>matymo laukas</small>	120°
Depth of Field <small>lauko gylis</small>	0.5-120mm
Deflection <small>anguliacijos reguliavimas</small>	275° Up/Down



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1.2



# Technical Data Sheet

HDVS-100A

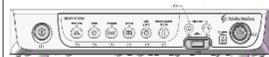
Endoscopic Image  
Processor

## 1.2

❖ PRODUCER	Scivita Medical Techonology Co., Ltd No. 2, Qingqiu Street, Suzhou Industrial Park, 215000 Suzhou, Jiangsu Prov., P.R.China
❖ DIRECTIVE	Medical Device Regulation (EU) 2017/745 RoHS Directive: 2015/863/EU WEEE Directives : 2012/19/EU
❖ CLASSIFICAZIONE (MDR)	Class I

Model	HDVS-S100A
UDI-DI Code	06971381250473

## 1. Purpose of use



This endoscopic image processor is used for endoscopic diagnosis and therapies. It connects to the electronic endoscopes, displaying the images on the monitor detected within the field of view from the body cavity.

## 2. Characteristics

Image Clear	Thanks to the optimized design of hardware and algorithm, HDVS-100A can display a clear and real-time picture on the screen. In particular, it provides the physical keys of contour enhancement and gain for user choice, so that the user can adjust the image according to his habit.
Operation Simple	The HDVS-100A provides physical keys for user to operate. User can realize the function adjustment easily just with one click.
Multi-functional applications	HDVS-100A matches different type of electronic endoscopes, which can be used in Respiratory and Critical Care, Thoracic Surgery, Urology, Gynecology and Hepatobiliary Medicine and so on.
Hot Swap	When HDVS-100A is working, Hot Swap function allows a simple connection to the adapted Single-Use Urology Videoscope at any time and sees the live view in seconds.

## 3 Technical specifications

Specification	Description
Model	HDVS-100A
Features	Vaizdo nustatymai: 1. Ryškumas; 2. Vaizdo artinimas/tolinimas; 3. Vaizdo sustabdymas; 4. Baltos šviesos balansas;
Function	White Balance、 Freeze、 Contour Enhancement、 Photo、 Digital zoom、 Video、 Brightness Control
Interfaces	DVI x1, SDI x2, USB(Type-A) x1 Vaizdo perdavimo jungtys - į monitorių; USB į kompiuterį
SNR	$\geq 40\text{dB}$
Noise	$\leq 50\text{dB}$
Power	Suderinamas su elektros tinklu 230 V, 50 Hz
Input Voltage	100-240V~,50/60Hz
Power Dissipation	100VA
Interface Output	
Display Output	DVI: max 1920 x 1080p@60 SDI: max 1920 x 1080@60
Enclosure	
Dimensions (W x H x D)	300mm x 225mm x 57mm
Package Dimensions(W x H x D)	402 x 312 x 228mm

## 1.2

Weight	2.5 kg
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### 4 Components of the system

The system comprises:

Endoscopic image processor	1	Standard
Foot switch	1	Optional
Video cable (DVI)	1	Optional
Video cable (HD-SDI)	1	Optional
Power supply cable	1	Standard
Instruction for Use	1	Standard
Quality Assurance Certificate	1	Standard

### 5 Compatibility

HDVS-100A is suitable for single-use electronic endoscopes manufactured by Scivita Medical, which has round plug. **Lankstaus skaitmeninio cistokopo prijungimo galimybė**

### 6 Environmental conditions

Environmental conditions of use:

- ◆ Operating Temperature: 5° C - 40° C
- ◆ Operating Humidity: 20% - 80%
- ◆ Operating Pressure: 700hPa – 1060hPa

Environmental conditions for storage and transport:

- ◆ Temperatures: -40° C - 55° C
- ◆ Humidity: 20% - 90%
- ◆ Pressure: 700hPa – 1060hPa