



UROLOGY

www.hwmeds.com

COMPANY PROFILE

Happiness Works Medical was founded in 2017 to address the urgent clinical need for disposable endoscopes. We focus on pursuing relentless innovation and providing life-changing solutions for the clinical and professional. With fast moving forward, we have established the ZebraScope® as China's #1 disposable ureteroscope. With ambition and dedication, Happiness Works Medical has upgraded to an all-in-one disposable endoscope manufacturer with 2 R&D centres, more than 200 employees, and over 8500 square meters of business area. To support the laboratories and production workshop, we have a class 100,000 clean workshop with 500,000 pieces production capacity of disposable ureteroscope yearly supplying to the domestic and International markets.

As the leader of disposable endoscopes, we work closely with clinics and professionals to create and manufacture ground-breaking endoscope products that are changing the world. Continually pursuing innovation, enables us to build and expand the solutions from the Urology department to the Pulmonary and Gastroenteritis departments. Additionally, we are dedicated to helping medical workers promote their academic research and development at both domestic and international levels, and we will devote ourselves to building and growing the platform to improve health and quality of life.

Our Mission

We are in its relentless innovation and iteration of the disposable endoscope technology to improve human health.

Our Vision

Happiness Works Medical is dedicated to transforming lives through being the the creator and provider of all solutions in disposable endoscopy.

CONTENT

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The Single-use Flexible Ureteroscope

Always available &
No reprocessing and
maintenance



No Sterilisation
No Cross-contamination
Cost Friendly

Specifications

Optical System	Image Resolution	400 x 400
	Field of View	100° (95°)
	Direction of View	0°
	Depth of Field	2mm - 50mm
	Illumination Method	LED
Insertion Portion	Bending Angle	275° up 275° down
	Outer Diameter	8.6 Fr (2.87mm)
	Length of Insertion	670mm
	Working Channel	3.6 Fr (1.2mm)
Dimension	Weight	185g

Order Specification

Product	Type No.	Quantity
ZebraScope® Ultra Thin Single-use Flexible Ureteroscope, 670mm	XFGC-FU-L	1pcs
ZebraScope® Ultra Thin Single-use Flexible Ureteroscope, 540mm	XFGC-FU-R	1pcs
ZebraScope® Ultra Thin Single-use Flexible Ureteroscope, 380mm	XFGC-UZ-M	1pcs
ZebraScope® Videoscope Imaging Processor	XFGC-UZ-A	1pcs



Bending Radius 8mm



Passive bending



Deflection
275° up | 275° down



Stereo deflection
angle 12.5°



Unique snake bone design
Covered with woven mesh

Hydrophilic Coating Single-Use Digital Flexible Ureteroscope

Three models available to meet the surgeons' operation habits including right hand, left hand, and middle

Enable the ureteroscope with the best performance on the small IPA renal calyx stones



Hydrophilic Coated

Specifications

Optical System	Image Resolution	400 x 400
	Field of View	100° (95°)
	Direction of View	0°
	Depth of Field	2mm - 50mm
	Illumination Method	LED
Insertion Portion	Bending Angle	275° up 275° down
	Outer Diameter	8.6 Fr (2.87mm)
	Length of Insertion	670mm
	Working Channel	3.6 Fr (1.2mm)
Dimension	Weight	185g

Order Specification

Product	Type No.	Quantity
ZebraScope® Ultra Thin Single-use Flexible Ureteroscope, 670mm	XFGC-FU-L	1pcs
ZebraScope® Ultra Thin Single-use Flexible Ureteroscope, 540mm	XFGC-FU-R	1pcs
ZebraScope® Ultra Thin Single-use Flexible Ureteroscope, 380mm	XFGC-UZ-M	1pcs
ZebraScope® Videoscope Imaging Processor	HV-200	1pcs



Bending Radius 8mm



Passive bending



Deflection
275° up | 275° down



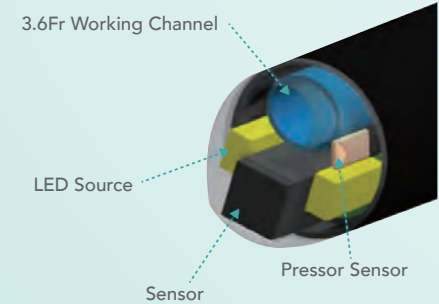
Stereo deflection
angle 12.5°



Unique snake bone design
Covered with woven mesh

Predictable & Monitoring

2 in 1 IRP monitor and fURS
IRP data is monitored and synchronised to the screen



Immediately invention based on synchronise data, Reduce the risk of postoperation infection, Cut down the cost of healthcare

Specifications

Optical System	Image Resolution	400 x 400
	Field of View	110°
	Direction of View	0°
	Depth of Field	2mm - 50mm
	Illumination Method	LED
Insertion Portion	Bending Angle	275° up 275° down
	Outer Diameter	≤8.6 Fr (2.87mm)
	Length of Insertion	670mm, 540mm, 380mm
	Working Channel	3.6 Fr (1.2mm)
Dimension	Weight	185g

Order Specification

Product	Type No.	Quantity
ZebraScope® Ultra Thin Single-use Flexible Ureteroscope, 670mm	HUS101	1pcs
ZebraScope® Ultra Thin Single-use Flexible Ureteroscope, 540mm	HUS104	1pcs
ZebraScope® Ultra Thin Single-use Flexible Ureteroscope, 380mm	HUS105	1pcs
ZebraScope® Videoscope Imaging Processor	HV-200	1pcs



Bending Radius 8mm



Passive bending



Deflection
275° up | 275° down



Stereo deflection
angle 12.5°

7.5Fr Ultra Thin Accurate & Phenomenal



The RESD is
essential to the IPP
and flow rate 1

Note:
RESD: Ratio of Endoscope-Sheath Diameter
IPP: Intrapelvic pressure

Specifications

Optical System	Image Resolution	400 x 400
	Field of View	110°
	Direction of View	0°
	Depth of Field	2mm - 50mm
	Illumination Method	LED
Insertion Portion	Bending Angle	285° up 285° down
	Outer Diameter	7.5 Fr (2.5mm)
	Length of Insertion	670mm, 540mm, 380mm
	Working Channel	3.6 Fr (1.2mm)
Dimension	Weight	192.5g

Order Specification

Product	Type No.	Quantity
ZebraScope® Ultra Thin Single-use Flexible Ureteroscope, 670mm	HUS101	1pcs
ZebraScope® Ultra Thin Single-use Flexible Ureteroscope, 540mm	HUS104	1pcs
ZebraScope® Ultra Thin Single-use Flexible Ureteroscope, 380mm	HUS105	1pcs
ZebraScope® Videoscope Imaging Processor	HV-200	1pcs



Bending Radius 8mm



Passive bending

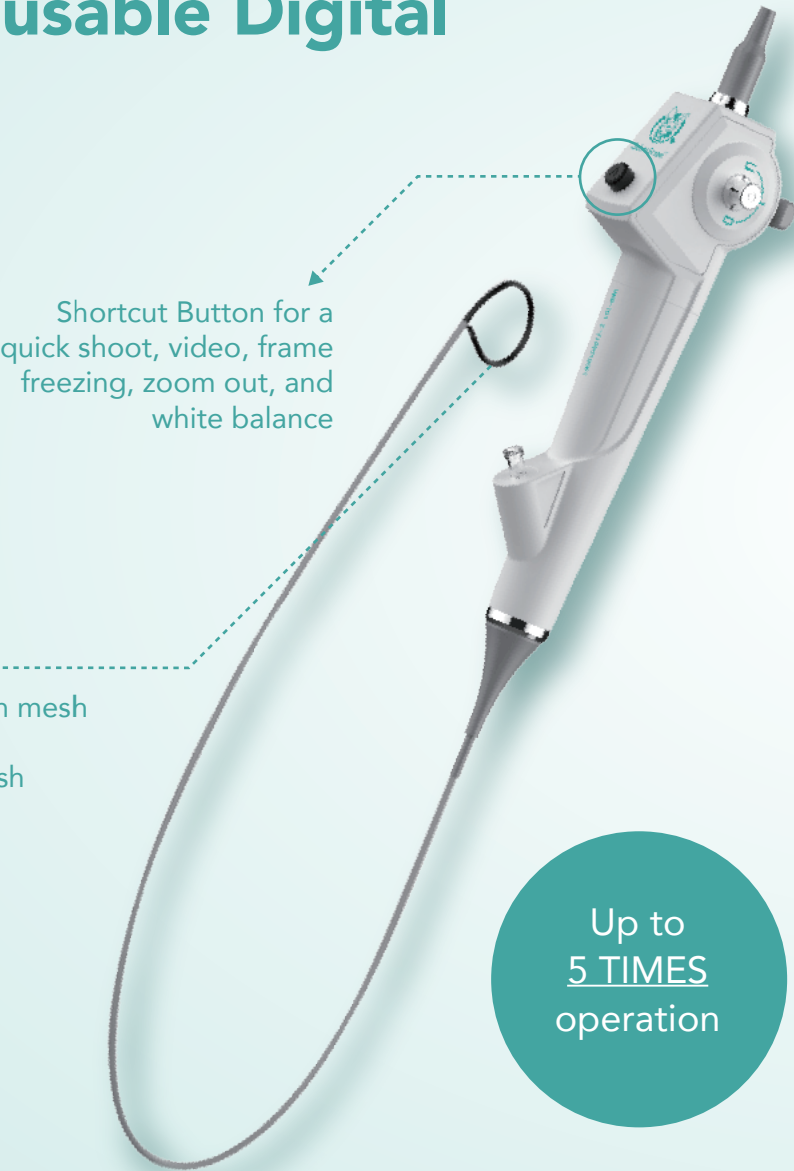


Deflection
275° up | 275° down



Stereo deflection
angle 12.5°

The Limited-Reusable Digital
Ureteroscope
5 TIMES USE



Shortcut Button for a quick shoot, video, frame freezing, zoom out, and white balance

Snake-bone-covered with woven mesh
Safer for clinical use
Double Security with woven mesh

Up to
5 TIMES
operation

Specifications

Optical System	Field of View	100°
	Direction of View	0°
	Depth of Field	2mm - 50mm
	Illumination Method	LED
Insertion Portion	Bending Angle	275° up 275° down
	Insertion Cord Diameter	≤2.9mm
	Length of Insertion	670mm±10mm
	Working Channel	3.6 Fr
Dimension	Weight	298g

Order Specification

Product	Type No.	Quantity
ZebraScope® 5 Limited-Reusable Ureteroscope	HUR-101	1pcs
ZebraScope® Videoscope Imaging Processor	HV-200	1pcs



Bending Radius 8mm



Passive bending



Deflection
up | 275° down



Stereo deflection
angle 12.5°



Unique snake bone design
Covered with woven mesh

Evolving & Optimizing



Specifications

Optical System	Image Resolution	1000 x 1000
	Field of View	140°
	Direction of View	0°
	Depth of Field	3mm - 50mm
	Illumination Method	LED
Insertion Portion	Bending Angle	210° up 180° down
	Outer Diameter	16.8 Fr (5.6mm)
	Length of Insertion	380mm
	Working Channel	6.6 Fr (2.2mm)
Dimension	Weight	185g

Order Specification

Product	Type No.	Quantity
ZebraScope® Single-use Cysto-Nephro Videoscope	HUS-B200	1pcs
ZebraScope® Videoscope Imaging Processor	HV-200	1pcs

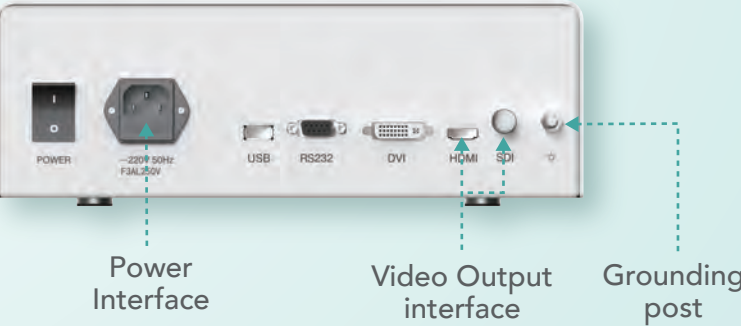
Video Processor HV-200

Voltage	AC 100-240V
Frequency	50/60Hz
HQ Pixel	200*200,400*400,800*800,1000*1000
Key Function	LED Dimming Adjustment
	Image zooming & freezing
	Display Adjustment Brightness & Saturation & Contrast
	White Balance Adjustment
	Picture & Video Taking
	Video Ratio
Video Output	Handle Bunton Customization
	Support digital signal DVI, HDMI, SDI output
	Pressure measurement mode output
Dimensions	300mm X 300mm X 100mm
Weight	3.109kg

Processor Front

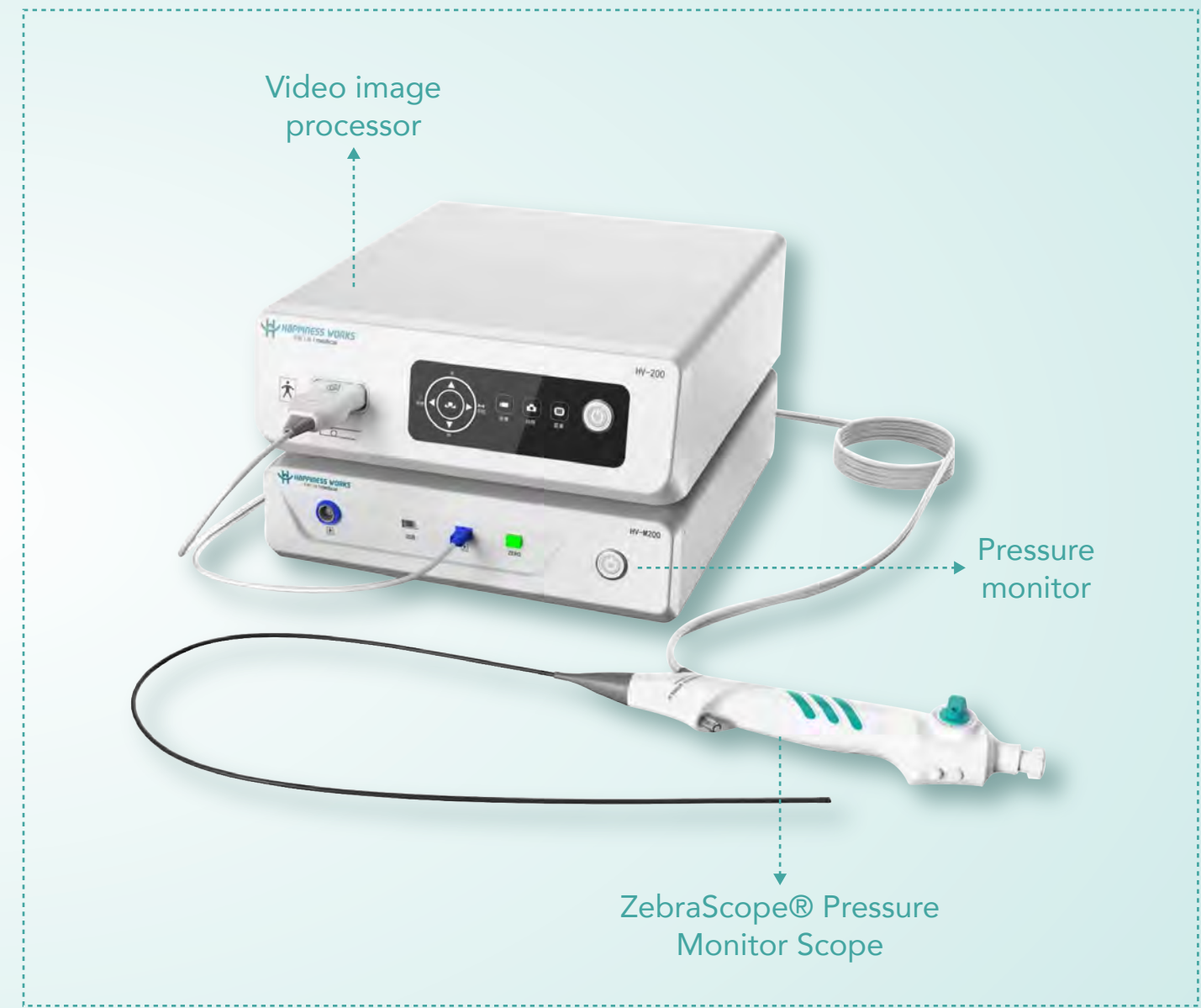


Processor Back



Pressure Monitor

Voltage	AC 220V
Frequency	50Hz
HQ Pixel	400*400
Key Function	Pressure curve
	The pressure curve of the whole operation
	Real-time pressure
	Pressure value alarm
	Last high pressure duration
	Cumulative high pressure time (Zebra Index)
Video Output	Patient information input and export
	Support digital signal HDMI or RS232 (to HV 200)





Anhui Happiness Workshop Instrument Co., Ltd

Building 2, Wisdom Industrial Park,
1300 Jiangqiao Road, Bengbu, Anhui, China
233000

Web: www.hwmeds.com

Email: hello@hwmeds.com