

HD-500 VIDEO PROCESSOR

HD video outputs	DVI, SDI, VGA
Standard video outputs	S-Video, CVBS
HD video recording	Built-in workstation
Zoom/PBP	Yes/Yes
Dimension (mm)	455 x 370 x 124

HDL-500X LIGHT SOURCE

Main lamp	300W xenon
VIST chromoendoscopy	Versatile intelligent Staining Technology
Transparency function	7 seconds maximum brightness flicker
Lifetime indicator	Yes
Hot plugging	Endoscope switch without powering off
Dimension (mm)	460 x 370 x 154

HDT-500 TROLLEY SYSTEM

Master switch	Centralized power control
Monitor	Versatile LCD monitor
Extended storage space	4-layer rack
Scope holder	Ergonomic design scope holder
Dimension (mm)	640 x 712 x1332
Optional	Isolation transformer
	Dual monitor stand

500 SERIES ENDOSCOPES

Parameter	Gastrosopes		Colonoscopes			
	EG-500	EG-500L	EC-500	EC-500T	EC-500L	EC-500L/T
Depth of view (mm)	3-100		3-100			
Field of view (°)	140		140			
Distal end diameter (mm)	9.3	9.8	12	12	12.9	12.9
Bending section diameter (mm)	9.3	9.8	12.5	12.5	12.9	12.9
Instrument channel diameter (mm)	2.8	3.2	3.8		4.2	
Angulations (°)	Up/Down: 210/90 Left/Right: 100/100		Up/Down: 180/180 Left/Right: 160/160			
Working length (mm)	1050		1350	1700	1350	1700
Total length (nm)	1350		1700	1950	1700	1950

HD-500  
HIGH DEFINITION  
VIDEO ENDOSCOPY  
SYSTEM



SonoScape Medical Corp.  
2F, 12<sup>th</sup> Building, Shenzhen Software Park Phase II, Keji Middle  
2<sup>nd</sup> Road, Shenzhen, China  
Tel: +86-755-26722890 Fax: +86-755-26722850  
Email: market@sonoscape.net www.sonoscape.com

ISO 13485 CE 0197

E-HD50020190918

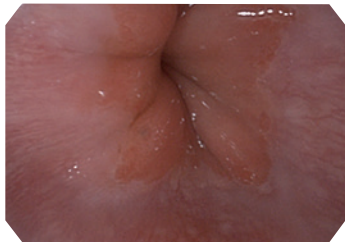


# TIME TO HAVE A ONE STOP, COST EFFECTIVE SOLUTION.

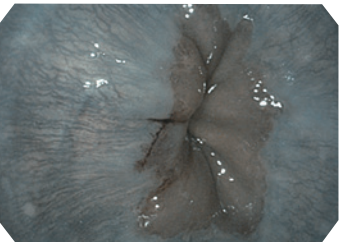


## VIST(Versatile Intelligent Staining Technology)

VIST is a chromoendoscopy technology combined with optical and digital image processing. It provides a clear and bright image contrast, that allows a better vision of mucosa and blood vessels in the GI tract.



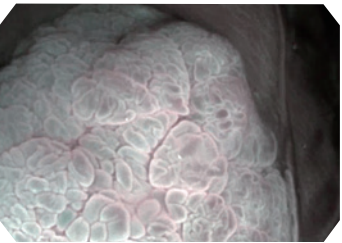
White light image



VIST image



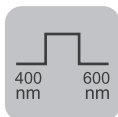
White light image



VIST image



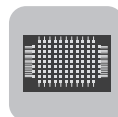
white light



optical filter



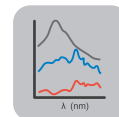
mucosa



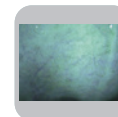
remote sensor



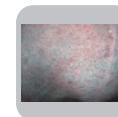
original image



spectrum analysis



digital image

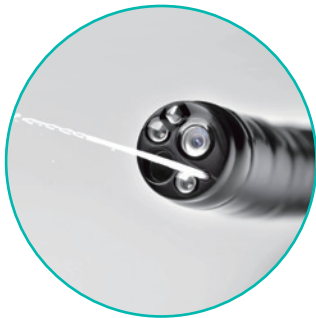


VIST

## Unique Features



Light weight handle



Equipped with water jet

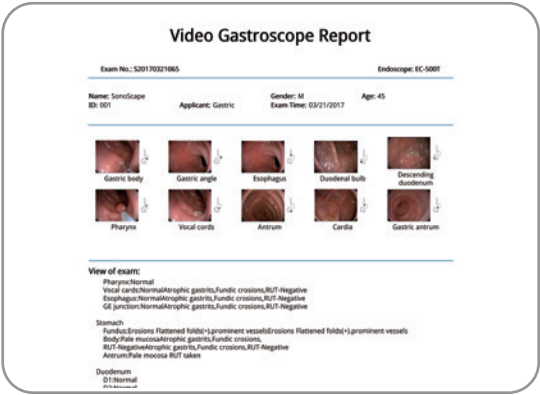


Gradual stiffness



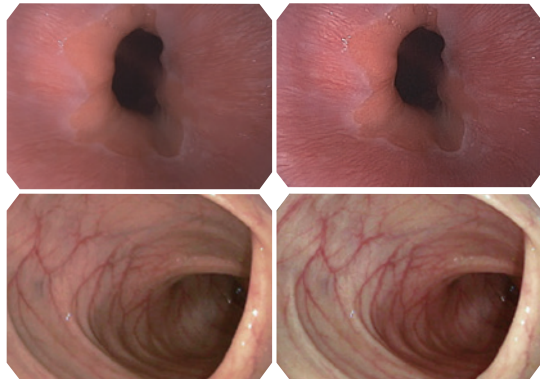
## Brilliant workflow

The HD-500 features a built-in workstation with 500G of hard disk. Storing and archiving what you have captured in a single step, it also allows an easy DICOM transfer.



## Smart built-in workstation

The multi-functional built-in workstation lets you access patient data management systems, generate, edit and print personalized reports smoothly, without the need of any external software.



A sharper image with CMOS sensor

## Versatile image processing

Armed with a CMOS sensor, the HD-500 video processor enables multi-stage enhancement in color, edge and structure modes, resulting in an optimal GI image through internal processing, allowing you to obtain a sharper image than ever before.