HD-500 IMAGE PROCESSOR

Station	Separated
Video output	SDI, DVI, VGA, CVBS, S-video
Resolution	960P
Digital Zoom	1.4x, 1.6x, 1.8x
Patient Data	≥ 10,000 records
IRIS	Peak/Avg/Auto
Color adjustment	Red, Blue, Chroma , ±15 levels
Air feeding	4 levels (Off/L/M/H)
AGC	Yes
Data Management	500G Built-in, 4 USB, DICOM
White Balance	Auto-saved
Image enhancement	Structure enhancement, Edge enhancement
Contrast/denoise	L/M/H , auto-denoise
Dimension (mm)	480x370x125

VLS-50D LIGHT SOURCE

Main Lamp	W-LED, 70W, violet LED, 50W
White light mode	High color rendering index and high luminous flux
VIST Chromoendoscopy	Versatile Intelligent Staining Technology
Brightness	Auto/Manual, 1-19 levels
Transillumination mode	6-8 seconds
Service time	10000 hours (Continuous use)
Hot plugging	Yes
Dimension (mm)	473x370x154

500 SERIES SCOPE

	Gastroscopes		Colonoscopes			
	EG-500	EG-500L	EC-500	EC-500T	EC-500L	EC-500L/T
Field of view	140°	140°	140°	140°	140°	140°
Depth of view	3-100mm	3-100mm	3-100mm	3-100mm	3-100mm	3-100mm
Distal End Dia.	9.3mm	9.8mm	12mm	12mm	12.9mm	12.9mm
Insertion Dia.	9.3mm	9.8mm	12.5mm	12.5mm	12.9mm	12.9mm
Instrument Dia.	2.8mm	3.2mm	3.8mm	3.8mm	4.2mm	4.2mm
Angulation	U210°, D90°, L/R100°		U/D180°, L/R160°			
Working length	1050mm	1050mm	1350mm	1700mm	1350mm	1700mm
Water Jet	Yes	Yes	Yes	Yes	Yes	Yes

Representante exclusivo:

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SonoScape

PERFORMING TO ITS FULL EXTENT

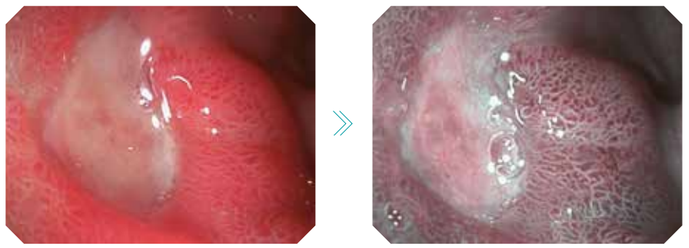
HD-500
High Definition Video Endoscopy System
paired with LED Light Source

2-LED · HD · VIST Versatile Intelligent Staining Technology · Water Jet

The timeless one stop, cost-effective solution is evolving with your needs. Today, you are able to get the best out of the HD-500 image processor as we upgrade the system's configuration. Under the lasting luminance from SonoScape's 2-LED Light Source, you will be pleasantly surprised by your familiar video endoscopy system.

Leverage both light modes

VIST[1] is a chromoendoscopy technology combining optical and digital image processing. At the touch of a button, it provides a clear and bright image contrast, that allows a better vision of mucosa and blood vessels in the GI tract. VIST makes it easier to detect and characterize the lesions.



White light image

VIST image

Under both White Light and VIST modes, HD-500 image processor yields even more details with the 2-LED light source, and no longer sacrifices the brightness in the far field. The image quality is greatly improved.[2]

Whether it is a routine procedure or a complex operation, there is a benefit of having the 500 Series scopes. Their CMOS image sensor enables multi-stage enhancement in color, edge and structure, resulting in an optimal display through an internal processing.

Save more cost

The life span of the 2-LED light source is above 10,000 hours, resulting in reduced maintenance costs.

[1] VIST stands for Versatile Intelligent Staining Technology
[2] Compared with the configuration: HD-500 paired with xenon light source

Brilliant workflow

The HD-500 features a built-in workstation with 500GB of hard disk. Storing and archiving what you have captured in a single step. It lets you access patient data management systems, generate, edit and print personalized reports smoothly, without the need of any external software.

Improved scope handle design

Even more comfortable to hold, the 500 series scope handle adopts an ergonomic design and a more intuitive layout, helps to reduce the fatigue in longer interventions.

Outstanding manoeuvrability

Short bending radius and gradual stiffness allows to intubate, reach and observe efficiently. The large instrument channel facilitates the therapeutic procedures.

Equipped with water jet

All the scopes are equipped with the water jet function. It washes off any mucus or blood, and assures a clear view at all times.

Optimized insertion experience

The gradual stiffness makes the insertion experience easier and smoother, at any section of the GI luminal tract.

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