

HD-510 VIDEO PROCESSOR

Station	Separated
Video output	SDI, DVI, VGA, CVBS, S-video
Resolution	1080p
Chromo	SFI/VIST
Digital Zoom	1.4x, 1.6x, 1.8x
Patient Data	≥ 10,000 records
IRIS	Peak/Avg/Auto
Colour adjustment	Red, Blue, Chroma, ±15 levels
Air feeding	4 levels (Off/L/M/H)
AGC	Yes
Data Management	500G Built-in, 5 USB
White Balance	Auto-saved
Image enhancement	Structure enhancement, Edge enhancement
Contrast/denoise	L/M/H, auto-denoise
Dimension (mm)	480x370x125

VLS-50T SERIES LIGHT SOURCE

Main Lamp	W-LED, violet LED
White light mode	High color rendering index and high luminous flux
SFI/VIST	High brightness and specific spectra in the 2 special light modes
Brightness	Auto/Manual, 1-19 levels
Transillumination mode	6-8 seconds
Service time	10000 hours (Continuous use)
Hot plugging	Yes
Dimension (mm)	473x370x154

500 and 550 SERIES SCOPES

	EG-500 EG-550	EG-500L EG-550L	EC-500 EC-550	EC-500T EC-550T	EC-500L EC-550L	EC-500L/T EC-550L/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
One-Touch*	Yes	Yes	Yes	Yes	Yes	Yes
Optical Fiber Trans*	Yes	Yes	Yes	Yes	Yes	Yes

*only available on 550 series

A BRIGHTER WAY TO IMAGE CLARITY

HD-510 High Definition Video Endoscopy System with 2-LED Light Source and SFT/VIST Technology



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

ISO 13485 CE 0197

E-HD51020200818



The one-stop, cost effective, High Definition Video Endoscopy System just got better. SonoScape's HD-510 Processor has evolved in many ways, excelling in a variety of screening and diagnosis procedures.

More versatility with the new multi-mode SFI/VIST

The new chromoendoscopy SFI/VIST is interchangeable at the touch of a button, between White-light, SFI¹, and VIST², instantly suiting your needs in detection, demarcation or characterisation.

White-light Mode	SFI	VIST
Default	Vascular enhancement	Mucosal and vascular enhancement



Courtesy of Dr. Rahul Pathak

Maximised optical effect, minimal light loss, and balanced brightness

In its long lifespan of 10,000 hours, the 2-LED light source consistently offers intensive, purified and all-round light options. Subsequently through an upgraded algorithm, HD-510 masterfully stabilises and balances the overall exposure. You will obtain a noticeably brighter image and impressive staining effects, yet retaining all details in the visual field.

Brilliant workflow

HD-510 inherits the built-in workstation with 500GB of hard disk. It allows you to access patient data, to capture and record images and videos, to create and edit reports in one spot without the need of any extra software.

¹ Spectral Focused Imaging

² Versatile Intelligent Staining Technology

HD-510 is compatible with the 500 and 550 series scopes, both equipped with CMOS.

Whether it is a routine procedure or a complex operation, there is a benefit of having a CMOS image sensor. It enables a High Definition image output, with sharper edge and displaying more details.



Improved scope handle design

Comfortable to hold, the 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 water jet function, handily aligned with the direction of the instrument channel, it washes off any mucus or blood and assures a clear view.

Take advantage of HD-510's full HD capacity: achieve the exceptional clarity of 1080p resolution, if you opt for a 550 series scope that is armed with a 2-megapixel CMOS sensor.



One-Touch connection for hot plugging

Switching a 550 scope has never been this convenient. Plug and play without interrupting the processor, the system guarantees a seamless procedure at any time.



Real waterproof

The 550 series scopes can be submerged under water or solution without a waterproof cap. They can now be cleaned and disinfected with ease, at a minimal risk of water damage by mismanipulation.

