

High Resolution Video Endoscopy System

HD-330



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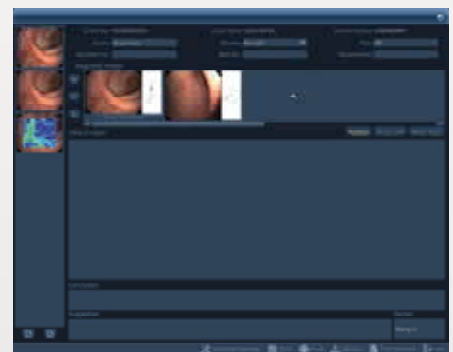
SonoScape HD-330 Digital Endoscopy System is an innovative product with build-in workstation that enables easy and simple data management. Powered by SonoScape's state-of-the-art image processing technologies, HD-330 delivers images in high sharpness and clearness without loss in subtle mucosal details for endoscopic diagnosis. The highly advanced Xenon light source HDL-330 and ergonomically engineered endoscopes EC-330, EG-330, and EB-330 enable the most obscure changes to be viewed, providing physician extraordinary experience never experienced.



Intelligent Built-in Workstation

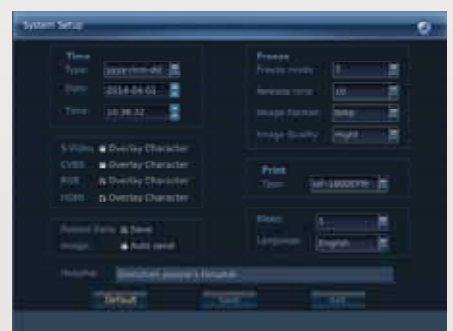
Excellent Patient Information Management:

The patient information can be created, edited, saved, searched, printed, marked by body mark, viewed in the form of report, backed up and exported.



Powerful Digital Image Management:

The image can be acquired, archived, transmitted, displayed, and searched with DICOM standard.



HD-330 Image Processor

Combined with smart built-in workstation, the HD-330 processor delivers high image quality with excellent illumination. The multiple video output ports of HD-330 processor transmit the high image clearness without any loss. Moreover, the HD-330 processor can be configured with a wide range of imaging technologies.



Main Features

- Excellent image processing provides the best possible image quality.
- Powerful and simple operation.
- Cost-efficiency and better illumination from Xenon Light-source.
- Multiple magnification levels for instant enlargement.
- 4 Customizable buttons provides outstanding maneuverability.
- Built-in workstation offers easy access and intelligent information management.
- A range of video outputs for the high resolution monitor.

Specification

Auto white Balance	With White Balance Hat
Automatic gain control (AGC)	On / Off
Color tone adjustment	Red: -8 to +8; Blue: -8 to +8
Color Saturation	-9 to +9
Edge enhancement	Model 1,2 and 3; Level 0-8
Contrast enhancement	Low, medium or high
CHb enhancement	0 - 8
Automatic brightness control	Auto: -9 to +9; Peak: -9 to +9; Average: -9 to +9
Magnification	×1.4, ×1.6, ×1.8
Image freeze/storage	Supported by the button on the endoscope, keyboard or footswitch
Display mode	Full screen and dual display
Voltage	100~240 V AC
Frequency	50/60 Hz



HDL-330 Xenon Light Source

The HDL-330 Xenon Cold Light Source is an ideal light source for endoscopic system, providing the most natural color and excellent illumination. It employs state-of-art lighting technology which remarkably emits and transmits the appropriate light to the object for endoscopes.



Main Features

- HDL-330 offers over 5,900K color temperature close to the natural sunlight.
- 300 Watt Xenon lamp perfectly coordinated with SonoScape's endoscopes.
- Auto/Manual brightness control function makes the light be controlled in an easy way.
- 500 hours working life indication displayed on the front panel.
- Two types of special illuminating modes available – the Filter Type is ideal for observation under single color mode while the Trans Type is suitable for observation required larger illumination.

Specification

Examination lamp	Xenon lamp; 300W
CCT	5,900K ±10%
CRI	≥ 90
Output light flux	1,300 lumen
Filter	Optical Filter
Trans	7s maximum illumination
Average lamp life	500 hours (continuous)
Brightness adjustment	19 levels; Auto/Manual
Emergency lamp	Halogen lamp
Pump	Diaphragm type pump
Pressure switching	4 levels available (OFF, L, M and H)
Method	Feeds water by pressurizing the detachable water container with air
Voltage	100~240V AC
Frequency	50/60 Hz





EG-330 Video Gastroscopy

- Exceptional image quality.
- Optimum illumination for lighting.
- Slimmer and lighter control body with ergonomic design.
- A wide field of view angle.
- Larger bending angulation with better maneuverability.



Specification

Product	Distal end diameter ø (mm)	Forceps channel diameter ø (mm)	Working length (mm)	Total length (mm)	Field of view (°)	Observation range (mm)	Bending angle up/down (°)	Bending angle left/right (°)
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Gastroscope For the Upper G.I. Tract

EG-330	9.3	2.8	1050	1350	140	3~100	210/90	100/100
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Colonoscope For the Lower G.I. Tract

EC-330	12.9	3.8	1350	1650	140	3~100	180/180	160/160
EC-330T	12.9	3.8	1600	1900	140	3~100	180/180	160/160
EC-330L/T	12.9	4.2	1600	1900	140	3~100	180/180	160/160

Bronchoscope For the Airway Tract

EB-330	5.3	2.0	600	870	120	3~100	180/130	—
EB-330L	6.1	2.8	600	870	120	3~100	180/130	—



EC-330

Video Colonoscope

- High resolution and clearer image quality.
- Extra-wide 140° field of view with better bending angle.
- A slimmer outer diameter with different size of instrument channels allows easy insertion.
- The ergonomically designed control body has greatly increased the operability.

EB-330

Video Bronchoscope

- Offers completely new insight for diagnostic and therapeutic purposes in respiratory tract.
- Different modes for various diagnostic or therapeutic requirements.
- High image quality with electronic magnification function allows more accurate diagnosis.
- Compatible with the outstanding HD-330 endoscopic system.



About SonoScape Co., Ltd.

SonoScape is committed to supplying healthcare-providers worldwide with innovative technology, reliable equipment and customer-oriented services.

SonoScape products include ultrasound, ECG, endoscope and other essential medical equipment. By introducing more advanced imaging techniques, SonoScape's products have improved diagnostic accuracy and therefore enabled better health outcomes.

With the world in mind, SonoScape will continue providing more effective and accessible healthcare solutions, through persistent innovation and passion for life.



ISO 13485



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