



VME-2800 Endoscope Imaging Processor

XLS150-1 Xenon Light Source



Fully Digital Processor & 150 Watt Xenon Light Source Unit

VME-2800 Endoscope Imaging Processor,
that employs excellent digital signal processing to provide clear,
bright and sharp endoscopic images for easier and more accurate diagnosis

DVI digital Signal

VME-2800 Endoscope Imagine Processor has advanced processing technology that can retain image fineness and precision picture quality.

Blood Vessel Enhancement

Blood Vessel Enhancement function, the new image processing function, allow for a more detailed visulaization of blood vessels when necessary.

Picture in Picture

The monitor will appear picture in picture display, when you press the freeze button, on is the captured image, the other is the real-time endoscopic image. It is convenient for reviewing captured images immediately in the examination.

Steady Image

On the professional monitor, the images are steady and natural. It can reduce the visual fatigue for physician.

High Compatibility

VME-2800 Endoscope Imaging Processor is fully compatible with most of VME-S series Endoscopes:

Video Gastrosopes: VME-90S, VME-92S, VME-98S

Video Colonoscopes: VME-1300S, VME-1650S

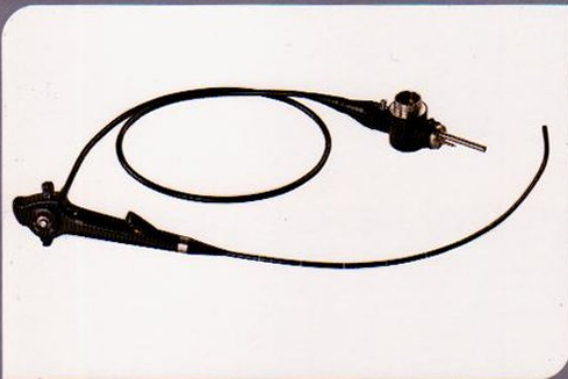
Video Bronchoscope: VME-6B

Video Laryngoscope: VME-6N



VME-2800 Endoscope Imaging Processor

Observation	Video signal outputs	RGB, S Video, Composite, DVI (Digital Visual Interface)
	Image enhancement	E-stressed mucosal morphology or profile, to increase the sharpness of endoscopic images. Profile enhance level has four gears that can be chosen.
	Gain control	Because endoscopic distal end is too far from the goal lead to the light is insufficient, the image signal can be electronically amplified, adjust the image brightness. Gain level has four gears can be chosen (OFF, 1,2 and 3).
	Color tone adjustment	"R", "B" adjustment: +- 50 steps
	Brightness adjustment	"Y" adjustment: +- 50 steps
	Freeze	Endoscopic images can be frozen
	Metering mode	Can select the metering mode. Average metering: Focus on the center of the image used for observation. Peak metering: Focus on the use of a small area of bright regions.
	White balance adjustment	Press the white balance switch, to do the white balance adjustment.
Power	Voltage	220V AC
	Frequency	50Hz



Xenon light source

• The new Light Source System

- XLS150-1 light source with 150W Xenon lamp, that is four times brighter than similar halogen sources. The lamp life is longer than 500 hours.
- Thanks to outstanding illumination, the new endoscope system enables you to see deeper.
- It can provide bright, clear, sharp images.

• Emergency lamp

During endoscope examination, you can use Emergency lamp immediately, if the main lamp went out. It can make sure the examination continue smoothly and reduce patient suffering.

XLS150-1 Xenon light source

Lighting	Bulb	150W Xenon lamp
	Color temperature	More than or equal to 5000K
	Average life of bulb	Continuous employ about 500 hours
	Brightness adjustment	Optical aperture control Brightness adjustment: 12 scales
	Emergency lamp	Halogen lamp
Aspirated	Air pump	Barometric adjustment: L, H
Power	Voltage	220V
	Frequency	50Hz



ISO 9001/ ISO 13485 Certified

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