



**VME-2800** Endoscope Imaging Processor

**XLS150-1** Xenon Light Source



## Fully Digital Processor & 150 Watt Xenon Light Source Unit

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

### DVI digital Signal

VME-2800 Endoscope Imaging 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 allows for a more detailed visualization of blood vessels when necessary.

### Picture in Picture

The monitor has a picture in picture display. One picture is the captured image and the other is the real-time endoscopic image. This is convenient for reviewing captured images during the examination.

### Steady Image

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

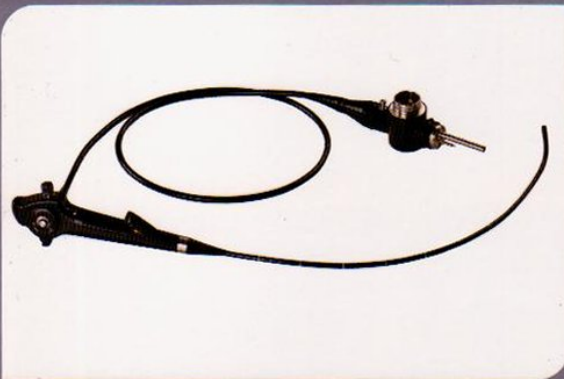
Video Bronchoscope: VME-6B

Video Laryngoscope: VME-6N



## VME-2800 Endoscope Imaging Processor

Observation	<b>Video signal outputs</b>	RGB, S Video, Composite, DVI (Digital Visual Interface)
	<b>Image enhancement</b>	E-stressed mucosal morphology or profile, to increase the sharpness of endoscopic images. Profile enhancement has four levels that can be chosen.
	<b>Gain control</b>	When the distal end of the endoscope is too far from the objective the light is insufficient. Therefore, the image signal can be electronically amplified to adjust the image brightness. The gain control has four levels that can be chosen (OFF, 1, 2 and 3).
	<b>Color tone adjustment</b>	"R", "B" adjustment: +/- 50 steps
	<b>Brightness adjustment</b>	"Y" adjustment: +/- 50 steps
	<b>Freeze</b>	Endoscopic images can be frozen
	<b>Metering mode</b>	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.
	<b>White balance adjustment</b>	Press the white balance switch, to do the white balance adjustment.
Power	<b>Voltage</b>	220V AC
	<b>Frequency</b>	50Hz



### Xenon light source

- XLS150-1 light source with 150W Xenon lamp is four times brighter than similar halogen sources. The lamp life is longer than 500 hours.
- Thanks to outstanding illumination, the new endoscope system has an increased depth of view. It will provide bright, clear, sharp images.

### Emergency lamp

- During endoscope examination, you can use the emergency lamp immediately if the main lamp goes out. This feature ensures a reduction of patient discomfort.

### XLS150-1 Xenon light source

Lighting	Bulb	150W Xenon lamp
	Color temperature	More than or equal to 5000K
	Average life of bulb	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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