Olympus CV-160 Video Processor

SOMA TECHNOLOGY, INC.™

New, Demo & Refurbished Medical Equipment

The Olympus 160 CV Video Processor is designed exclusively for the EVIS EXERATM 160 Series, the CV-160 features a leading-edge video signal processing technology configured to frequency components specifically suited for endoscopic images, allowing it to enhance details while simultaneously suppressing noise. The result is a more detailed image that makes it easier to spot minute tissue textures and subtle color variations on the mucous membrane.

Features

- Powerful structure enhancement circuitry uses frequencies specifically suited to endoscopic images to ensure more accurate observation.
- Offers full height mode that uses the full vertical area of the monitor screen to display images larger, allowing for closer examination of the image area.
- Ergonomically designed front panel is user-friendly and the newly designed keyboard provides for clear and simple operation.
- Can be used with EVIS Exera video bronchoscopes as well, enabling you to use the same system for both gastrointestinal endoscopy and bronchoscopy.
- Compatible with EVIS 100/130/140 Series scopes.

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Revised 8/12/2019

Specifications

Dimensions	Height: 72 mm Width: 420 mm Depth: 465 mm Weight: 8 kg
Power Supply	Voltage: NTSC 100—120 V AC, PAL 220—240 V AC Frequency: 50/60 Hz Input current: NTSC 1.0 A , PAL 0.5 A Fuse rating: 3.15 A , 250 V
Imaging storage and retrieval	Monitor Output:Using the monitor output switch on the front panel, it is possible to select an image from the endoscope or ancillary equipment for display on the monitor. Memorization of sleeted setting: The following settings on the front panel are retained even when the power is turned OFF.
Documentation	Remote Control: The following ancillary equipment can be controlled by the endoscope remote switch, the front panel and the keyboard. (Only the specified device types are valid.) Monitor VTR Video printer equipment Digital video cassette recorder Flushing pump Patient Data:The following data and modes can be displayed on the video monitor using the keyboard. 1. ID number 2. Patient name 3. Sex, age 4. Date of birth 5. Date/time (built-in clock, stopwatch) 6. Frame number 7. VTR condition 8. Picture quality selection 9. Physician 10. Comments Pre-procedural patient data: For a maximum of 40 patients. 1. ID number 2. Patient name 3. Sex, age 4. Date of birth 5. Physician Recalling and registered scope information (scope ID function): The following scope-related data stored in the memory chip of the scope can be recalled and displayed on the screen. Scope Model, Serial No., Comments, Cumulative Uses, Check Period, Service Contract, Warranty Date, Owner, Customer ID No., ID Ver.

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