FUJIFILM DIGITAL Video Processor System

The FUJIFILM Digital Video Processor EPX-4440FN System with advanced image HDTV 1080i processing technology to facilitate endoscopic diagnostics and therapies provides the optimal environment for clinical visualization.

The EPX-4440FN is designed with unsurpassed functions, such as structure enhancement, automatic light control and anti-blur to provide sharp clear images and is compatible with the FUJIFILM Ultra-slim Video Laparoscope EL-580i FN series with Super-CCD endoscopes with genuine HDTV resolution.

With its network connection and digital DVI and HD-SDI outputs, the processor is fully prepared for the future, and its HD-SDI output is designed to transmit high-quality images even over long cable distances.

PRODUCT FEATURES

Outstanding Performance
- Super-CCD technology with proprietary pixel design for unsurpassed image quality
- EPX-4440FN Video Processor for brilliant HDTV 1080i reproduction
- Automatic light intensity control for optimal image illumination
- Automatic Photometric Mode for optimally illuminated Images
- Anti-blur function to extract high-quality motion images
- HDTV and DVI output for high-quality images
- 26” HDTV monitor for bright, sharp, colorful images

Operational Efficiency
- Advanced workflow with intuitive process design
- Compatible EL580FN Series endoscope with Super CCD technology
# EPX-4440 SPECIFICATIONS

## DESCRIPTION

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## TECHNICAL DATA

### DIGITAL Video Processor: VP-4440FN

- **Power**: AC120V / 60 Hz

- **Video output**: DVI: (resolution: 1280x1024 pixels); HD-SDI: (resolution: 1920x1080 pixels); Ether-Net: 100/10Base

- **Analog output**: RGB, Y/C, and Composite

- **Color Adjustment**: Brightness, Red, Green, R-Hue, Chroma( steps), Contrast(3 steps)

- **Shutter Speed**: 1/60, 1/100, 1/200, 1/400, 1/600, 1/800

- **Electronic zoom**: 1.05 – 2.00 (Depending on endoscope)

- **Structure Emphasis**: Hi, Mid, Lo, Off

- **Tone**: Hi, Mid, Lo, Off

- **Iris mode**: Average / Peak / Auto

- **Image Storage**: CF Card

- **Power Rating**: 120v, 60Hz

- **Dimensions (W x H x D)**: 390 x 105 x 460 mm (including projection)

- **Weight**: 20.9 lbs

### Light Source: XLI-4450FN

- **Lamp rated value**: Main lamp: 300W short-arc Xenon lamp; Emergency lamp: 75W Halogen lamp

- **Light Control**: Automatic light control by CCD image output

- **Lamp cooling method**: Forced air cooling

- **Light Save**: ON / OFF

- **Transmitted illumination**: ON / OFF

- **Power Rating**: AC120V / 60Hz

- **Dimensions (W x H x D)**: 390 x 155 x 450mm (including projection)

- **Weight**: 33.1 lbs

### Applicable laparoscope

- **EL-580FN

### Relay Connector: RC-4440FN

- **Applicable laparoscope**: EL-580FN