



DIGITAL VIDEO ENDOCAM AND LIGHT SOURCE IN ONE EQUIPMENT MODEL FLX/CCD 1108-D

- * IDEAL EQUIPMENT FOR RIGID AND FLEXIBLE ENDOSCOPY.
 - * EXCELLENT RESOLUTION.
 - * HIGH SENSITIVITY.
- * ELECTRONIC OUTPUT POWER LEVEL INDICATOR AT THE FRONT PANEL.
 - * AUTOMATIC GAIN CONTROL
 - * ELECTRONIC CCD IRIS.
- * 480 HORIZONTAL LINES RESOLUTION.
 - * BACKLIGHT COMPENSATION.
 - * DIGITAL SIGNAL PROCESSING.
 - * WHITE BALANCE PROGRAM.
 - * EXCELLENT LIGHTING POWER.
- * AUTOMATIC LUMINOUS POWER LEVEL CONTROL TO GUARANTEE AN OPTIMUM PICTURE QUALITY.
 - * DIGITAL CONTROL PANEL WITH 99 POSSIBLE LEVELS OF LIGHT INTENSITY.
- * TWO LAMPS SYSTEM TO PROVIDE MORE SAFETY DURING SURGICAL PROCEDURES.



TECHNICAL FEATURES

- ✓ Video signal system codification NTSC / PAL upon request.
- ✓ Sensor device: Color CCD 1/3".
- ✓ Sensitivity 0.2 lux.
- ✓ Signal to noise ratio: > 50 dB (AGC off).
- ✓ White balance: Front panel control key with indication of actual state through the liquid crystal alphanumeric display (LOCK / PROCESS.).
- ✓ Electronic CCD IRIS control system.
- ✓ Back-Light compensation system.
- ✓ Coupling for lens mounting: C-mount
- ✓ Camera cable: 4 mts. length with protection cup for the camera head connector.
- ✓ Endocoupler:
 - 35 mm endocoupler compatible with all rigid optics, with focus adjustment ring and protection cover for optical system
- ✓ Digital signal processing
- ✓ Output video signal: VBS 1.0 Vp-p / 75 ohms.
- ✓ Digital automatic output luminous power control, through the video camera signal, with 99 possible levels adjustable through the front panel key board.
- ✓ Digital control panel with alphanumeric display which indicates:
 - * Selected luminous level.
 - * Actual state of the lamp (ON / OFF).
 - * Actual state of the white balance processor (LOCK/PROCESS)
 - * The selected lamp (A / B).
- ✓ Color temperature: 3200° Kelvin.
- ✓ Two lamps system to provide more safety during surgical procedures with lamp selection (A / B) through the front panel key board.
- ✓ Fiber connection: Storz compatible.
- ✓ Halogen lamps: 24V / 250 Watts.