HD with control to improve OR workflow

Direct control of the 500XL Light Source from the 560H. One-step activation and finalization of USB streaming video recording on the 560P.

560P
High Definition Camera Control Unit

560H
High Definition Camera Head
**560P High Definition Camera System**

**Specifications**

- **Power:** 100-240VAC, 50/60 Hz;
- **Requirements:** Dual Fuse
- **Classification:** CISPR 11 Class A.
- **Equipment:** Protection against electrical shock Class 1 with CF type applied part. Protection against harmful ingress of water. (Ordinary equipment, none provided) Degree of safety application in the presence of flammable anesthetics with mixture of air, oxygen, or nitrous oxide. (Not suitable)
- **CCU Dimensions:** 4.25" x 12" x 15" D
- **CCU Weight:** 9.9 pounds
- **Display Output:** 50/60 Hz
- **Resolution:** 1920 x 1080 (native)
- **Signal-to-Noise Ratio:** >60 dB
- **Shutter:** NTSC: 1/60 per second through 10,000 per second shutter speed
  PAL: 1/50 per second through 10,000 per second shutter speed
- **HD Serial Digital Interface (HD-SDI):** Two serial digital interfaces (HD-SDI) with 4:2:2 component digital video output on BNC connector
- **HD Digital Visual Interface (HD-DVI):** One digital visual interface supporting DVI-Digital (DVI-D) single-link interfaces on 29-pin DVI-I connector with 4:4:4 component digital video output on BNC connector
- **YPbPr Video Output:** One video output YPb-p, YPbPr or Component video into 75, BNC coaxial connectors
- **RS 232 Output:** Serial communication port provides bi-lateral communication with 500XL light source and other devices
- **Y/C Video Outputs:** Two Y/C video outputs, combined luminance/chroma signal into 4-pin mini-DIN plug
- **Composite Output:** One analog, encoded video signal that includes vertical and horizontal synchronizing information
- **AC Leakage Current:** Camera control unit: less than 300 microamps earth leakage
- **Video Accessory Controls:** Two mini-phone connectors (3.5 mm)
- **USB Digital Output:** One USB port for saving streaming MPEG video to a USB 2.0 or USB 1 storage device (2GB or larger). Playable on PC and MAC computers with compatible software.
  (PC: Mplayer portable 1.0 RC2 and Elecard MPEG player, MAC: Mplayer 2.0b65)

*Specifications subject to change without notice*

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**560H High Definition Camera System**

**Specifications**

- **Equipment:** Protection against electrical shock
- **Classification:** Class I, applied part Type CF
- **Video Imager:** Three 1/3" Interline Transfer Micro-Lens high sensitivity CCD Image Sensors
- **Imaging Resolution:** Vertical: 1080i native TV lines
  Horizontal: 1920 native TV lines
- **Signal-to-Noise Ratio:** >64 dB
- **Video Data Acquisition:** Three 14-bit RGB channels, digitized inside camera head
- **Video Data Transmission:** High-speed, low-voltage differential serial (LVDS), uncompressed 42-bit RGB digital transmission via 12-foot camera cable
- **Video Output Format:** Full HD 1080i, 100% compatible with SMPT-274M. 2005 HDV broadcast standard when used with the 560P Camera Control Unit
- **Video Field Rate:** 60 Hz or 50 Hz universal camera head, software switchable
- **Operating Temperature:** 41°~102° F (~20°~36° C)
- **Operating Humidity:** 38~75% non-condensing
- **Storage Temperature:** -4°~140° F (~20°~60° C)
- **Storage Humidity:** 20~90% non-condensing
- **Camera Head Dimensions:** 1.8" x 2.6" x 2.25" (width x depth x height)
- **Camera Head Weight:** 161 grams
- **Camera Head Cable:** 12" +/- 3", [3.65 m +/- 7.6 cm]
- **Lens Mount:** 1"-32 UN C-mount thread
- **Compatible Control Units:** Smith & Nephew 560P High Definition Camera System

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**560P Camera Control Unit**

(System, NTSC/PAL)

- 72202328 English, US
- 72202342 German
- 72202352 Spanish
- 72202340 French
- 72202344 Italian
- 72202354 Swedish
- 72202350 Portuguese
- 72202336 Danish
- 72202348 Norwegian
- 72202338 Dutch
- 72202346 Korean
- 72202332 English, UK
- 72202330 International*
- 72202334 Chinese

*European Continental Power Cord*

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**560H 3-CCD HD Camera Head**

(System, NTSC/PAL)

- 72200561

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**High Definition Scopes and Couplers**

Use only Smith & Nephew High Definition Scopes and Couplers with the 560 system.

Contact your Smith & Nephew sales representative, or customer service for more details.

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**Warranty and Service**

This system comes with a one year warranty to be free from defects in material and workmanship. Service agreements covering use-related damage are available by calling 978 749 1252.

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