

Get Productive

Quick-cycle sterilization with a focus on HD quality



Introducing the HD1200 Autoclavable Camera System from Smith & Nephew; quick-cycle sterilization to support your OR efficiency.

Maximize Efficiency with Compatibility and Quick Sterilization Cycle

- Autoclavable camera head offers an economical, quick-turn sterilization – 4 minute, 273°F/134°C cycle.¹
- Selectable HD outputs of 1080i, 1080p or 1200p delivers high-quality images with flexible compatibility to various accessories.
- C-mount, 1/3-inch 3CCD design creates compatibility to all current Smith & Nephew HD optics.
- Two programmable camera head buttons enable control of various image aspects and accessories.

Comprehensive Warranty and Service Solutions for Your HD Investment

- Two-year warranty to be free from defects in material and workmanship.
- Service agreements covering use-related damage are available by calling +1 978 749 1262.

¹ Compared to liquid chemical sterilization.
Reference Data on file at Smith & Nephew, 2011.





Technical Specifications

HD Autoclavable Camera Control Unit

Power Requirements	100-240 VAC, 50/60 Hz; Dual Fuse
Equipment Classification	Protection against electrical shock classification Class 1, applied part Type CF
CCU Dimensions	267 x 69 x 360 mm/10.5 x 2.7 x 14.2 in
CCU Weight	3.7 kg
Display Output	50 Hz
Selectable Output Resolution	1200 x 1024, 1920 x 1080i/p, 1920 x 1200p
Signal-to-Noise	>60 dB ratio
Shutter:	PAL: 1/50 per second through 10,000 per second shutter speed; HD-SDI according to SMPTE 292-2008; DVI according to DDWG DVI 1.0
AC Leakage Current	Camera Control Unit: less than 300 microamps earth leakage
Video Accessory Controls	Two mini-phono connectors (3.5 mm)
Operating Temp	25°–45°C with 3-inch minimum clearance on sides, top and rear of a non-ventilated open-front enclosure

HD1200 Autoclavable Camera Head

Equipment	Protection against electrical shock classification Class 1, applied part Type CF
Video Imager	Three 1/3" interline transfer micro-lens high sensitivity CCD image sensors
Signal-to-Noise Ratio	>60 dB
Sterilization	Steam: prevacuum or gravity <ul style="list-style-type: none"> • Temperature: 273°F • Dwell Time: 4 minutes • Dry Time: 10 minutes <p>Storage Temperature: -20°–60°C Storage Humidity: 20–90% RH (non-condensing) Operating Temp: 25°–45°C with 3-inch minimum clearance on sides, top and rear of a non-ventilated open-front enclosure</p>
Camera Head Dimensions	D = 38 mm L = 75.5 mm/D = 1.49" L = 2.97"
Camera Head Weight	95.1 g
Camera Head Cable	12' +/- 3", (3.65 m +/- 7.6 cm)
Lens Mount	1"–32" UN C-mount thread
Compatible Control Units	Smith & Nephew HD Autoclavable Camera System

Optional Accessories: Analog conversion box

Y/C Video Outputs	One Y/C video output, combined luminance/chroma signal into 4-pin mini-DIN plug
Composite Output	One RCA connector analog, encoded video signal that includes vertical and horizontal synchronizing information



Warranty and Service

Warranty

Two-year warranty to be free from defects in material and workmanship

Service

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Ordering Information

HD1200 Autoclavable Camera System

Reference #	Description
72203388	HD1200 Autoclavable Camera System (US)
72203389	HD1200 Autoclavable Camera System (UK)

System Includes:

72203361	HD1200 Camera Control Unit
72203360	HD1200 Camera Head
72203418	Digital to Analog Converter Box

Endoscopy

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