Since 1997 Linvatec has been known as the leader in Autoclavable Video Systems. With the release of our 4th generation Autoclavable System you will see the difference, feel the difference and experience the innovation. New system features include, a new ergonomically designed camera head for improved comfort, ShockFlex™ Prism Mounting for durability and Progressive Scan technology for high definition image quality.

ConMed Linvatec’s experience means long term innovation and reliability

**CONMED LINVATEC’S IM3300 ENHANCED DEFINITION 3CCD CAMERA SYSTEM**

ConMed Linvatec’s IM3300 Digital 3CCD Camera Series
- 480P Progressive Scan Output
- 4th Generation Autoclavable Camera Head
- Multiple Pure Digital Outputs-DVI, SDI
- Electronic Zoom
- Programmable Presets for individual or specialty preferences
- Multi-function, programmable remote camera head buttons
- High resolution with outstanding light sensitivity
- New Ergonomic Camera Head Design

**CONMED LINVATEC’S LS7500 LIGHT SOURCE**

- 300 Watt Xenon Bulb
- Standby Button for safety
- Accepts most light guide fittings
- Bulb Life Indicator
- Enhanced Numerical Aperture - Improved light distribution
Durability – Due to ConMed Linvatec’s experience and superior design, our autoclavable head does not degrade in performance or durability due to steam sterilization. You can expect to experience the benefits of ConMed Linvatec’s autoclavable camera system for years to come.

Magnetic Rocker Switch – Proprietary Rocker Design makes picture taking a snap. 4 programmable button functions. Zoom, Brightness, Stills, or Motion Video.

Integrated Coupler Optics – Our Patented Magnetic Focus Drive System prevents fogging, debris and build-up at critical focal points, improving overall image quality.

Titanium Capsule – Revolutionary sealing and manufacturing techniques prevent steam penetration to sensitive electrical and optical components. This allows users to steam sterilize the camera head creating an efficient and effective method to expedite OR turn-around time.

ShockFlex™ Prism System – Designed to protect your camera heads from accidental drops and everyday handling. Unit test protocol: 40 in. drop onto linoleum covered cement floor immediately after an autoclave cycle.

Ergonomic Camera Head Design – Smaller, lighter weight and more comfortable for users in all specialties.

High Temperature Ultem* Housing – Material specifically chosen for its ability to cool 50% – 60% faster than metal materials following an autoclave cycle. Product is ready to use when you need it.

* Ultem is a registered trademark of General Electric Company
Camera Controllers
IM3300 NTSC Digital 3CCD Camera Controller
IM3301 PAL Digital 3CCD Camera Controller

Camera Heads
IM3330 NTSC Autoclavable 3CCD Camera Head-Eyecup
IM3331 NTSC Autoclavable 3CCD Camera Head-Cartridge
IM3334 NTSC Autoclavable 3CCD Urology Camera Head
IM3333 PAL Autoclavable 3CCD Camera Head-Eyecup
IM3335 PAL Autoclavable 3CCD Camera Head-Cartridge

LS7500 Light Source Product Line
LS7500 300 Watt Xenon Light Source
LS7501 300 Watt Replacement Bulb

Accessories
IM9003 DVI Cable
C3278 5mm Light Guide
C3279 3mm Light Guide
7451 Wolf/Dyonics Scope Fitting
7452 ACMI Scope Fitting
7453 Storz/Olympus Scope Fitting
7456 ACMI Light Source Fitting
7457 Storz Light Source Fitting
7458 Olympus Light Source Fitting
7459 Weck Xenon Light Source Fitting

Auto claveable Scopes
Description Eyecup Catalog No. Cartridge Catalog No.
1.9mm 0° T1900 T1901
1.9mm 30° T1930 T1931
2.5mm 0° T2500 T2530
2.5mm 30° T2530 T2531
2.5mm 70° T2570 T2571
2.9mm 0° T2900 T2901
2.9mm 30° T2930 T2931
2.9mm 45° T2944 T2945
2.9mm 70° T2970 T2971
4mm 0° QL4000 QL4001
4mm 30° QL4300 QL4301
4mm 70° QL4700 QL4701
5mm 0° T5200 T5201
5mm 30° T5230 T5231
5mm 45° T5244 T5245
10mm 0° T1000 T1001
10mm 30° T1030 T1031
10mm 45° T1045 T1046
10mm 0° Extended Length T1000B N/A
10mm 30° Extended Length T1030B N/A
10mm 45° Extended Length T1044B N/A

Camera Head Specifications
Image Device ¼ in. CCD
Horizontal Resolution 800 lines
Weight 5.6oz (160g) w/o cable 12.2oz (345g) w/ cable
Dimensions 1.48 in. (w) x 4.0 in. (l) x 1.78 in. (h)
Light Sensitivity < 1 Lux
Signal/Noise Ratio 64 dB
Cable Length 10 ft/3 meters
Focal Length 18.8mm (IM3330, IM3331, IM3332, IM3333, & IM3336)13.2mm (IM3334 & IM3335)

Camera Controller Specifications
Signal System EIA Standards, NTSC Color System
Scanning System 2:1 Interlaced
525 lines, 30 frames/second NTSC
625 lines, 25 frames/second PAL
Shutter Speeds 1/60 to 1/10000 seconds
Video Outputs Composite-1.0 V p-p, Sync neg., 75 ohms
Y/C – Y – 1.0 V p-p, Sync neg., 75 ohms
C – (NTSC) - 286V p-p, 75 ohms
C – (PAL) - .300 V p-p, 75 ohms
RGB (Red, Green, Blue & Sync)
Y/Pb-Pr (480P)
DVI
SDI
Power Requirements 110 VAC – 240 VAC, 50/60Hz
Power Consumption 70VA
Weight 7 lbs. (3.18 kg)
Processor Dimensions 9.85" (w) x 15.2" (l) x 5.9" (h)
250mm (w) x 386mm (l) x 150mm (h)
Operating Temperature 20° F to 104° F (-7° C to 40° C)
Storage Temperature -40° F to 122° F (-40° C to 50° C)
Humidity 30% to 90%

Light Source Specifications
300 Watt Xenon Bulb : 500 Lamp Hours
Typical Operating Requirements
Input Voltage 100-240 VAC
Input Line Frequency: 50/60Hz
Power Consumption 475VA
Fuse: Fast Blow 6.3 Amps 250
Weight: 12.5 lbs. (5.7 kg)
Dimensions: 9.85 in. (w) x 15.2 in. (l) x 5.9 in. (h)
250mm (w) x 386mm (l) x 150mm (h)
Operating: Ambient Temperature: +42°F to 86° F (+ 6° C to 30° C)
Relative Humidity: 30% to 85%
Atmospheric Pressure: 700hPa to 1060 hPa
Transport and Storage: Ambient Temperature: -40°F to 120° F (-40° C to 49° C)
Relative Humidity: 10% to 100%
Atmospheric Pressure: 500hPa to 1060hPa