

Item No.	Qty	Catalog No.	Description	Ext Sell Price
1	1		<p>Discovery IGS 730 for OR configuration</p> <p>Discovery IGS 730 with OR Table</p> <p>Discovery IGS 730 provides a revolutionary, laser guided motion technology. It offers predictable and precise positioning capabilities while improving patient care. It allows you to do more with great confidence, from interventional X-ray to surgical procedures.</p> <p>Discovery features Wide Bore 3D for easier 3D acquisition, and a comprehensive set of advanced applications tailored for cardiovascular, hybrid, oncology, and neuroradiology procedures.</p> <p>With uncompromised sterility and easier patient access using One-Touch-Back-Out, it creates a more secured Hybrid OR.</p> <p>The gantry design allows steep angulations for PCI while featuring a 30cm (11.8 inch) detector to accomodate peripheral vascular and hybrid procedures.</p> <p>With its extra large source to iso-center distance, the Discovery helps to reduce the patient skin dose (Based on mathematical simulation - In clinical use, the results of dose reduction techniques will vary depending on the clinical task, patient size, anatomical location and clinical practice.)</p> <p>The Discovery IGS 730 flat panel detector (31 x 31 cm square and 43 cm diagonal) unites image quality, an optimal panel size and built-in protocols for imaging versatility.</p> <p>Discovery IGS 730 Gantry</p> <p>The Discovery IGS 730 exclusively delivers cutting-edge gantry motion that combines benefits of floor and ceiling mounted systems. It keeps the ceiling space above the patient free of suspended elements, making it easier to comply with aseptic requirements and facilitating installation of ceiling-suspended equipment, such as anesthesia boom, monitor suspension, surgical lamps or laminar flow. Still, the gantry is not fixed on the floor: It can move around the imaging table or park away to free access around the patient.</p> <p>Advanced Guided Vehicle</p> <p>The C-arm is mounted on the Advanced Guided Vehicle (AGV), a</p>	

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		<p>motorized and mobile L-arm. Based on laser guidance, the AGV can move freely from imaging position to parking or back-out positions, using predefined trajectories to provide excellent patient access. The motion is predictable, precise, and easy to use, allowing fine control and positioning at any moment in the procedure. Parking locations and back-out distances are customizable for different room configurations. The AGV can also pan longitudinally along the table to extend across the anatomical coverage, while minimizing table panning. It lets users image patients from head to foot.</p> <p>C-arm</p> <p>Discovery IGS 730 features an extra-large source to isocenter distance (also called Source to Object Distance or SOD) that significantly improves flexibility in system angulations and isocentering, while limiting collisions between the tube or detector and the table. It allows to:</p> <ul style="list-style-type: none"> <li>• Enjoy flexibility of imaging angulations similar to a dedicated cardiac system, while achieving large 30 cm (11.8 inch) combo detector coverage.</li> <li>• Perform off-centered 3D acquisition to cover anatomies such as the borders of the liver during oncology liver procedures or the skin line during image-guided needle procedures.</li> <li>• Accomodate larger patients</li> <li>• Decrease patient skin dose (Based on mathematical simulation. In clinical use, the results of dose reduction techniques will vary depending on the clinical task, patient size, anatomical location and clinical practice.)</li> </ul> <p>The patented three-axis isocentric positioner design of the offset C-arm provides maximum positioning flexibility and excellent patient access in all views. The three motor-driven axes make even the most complex angulations easy to achieve.</p> <p>OR Table</p> <p>The OR Table is a fully motorized tilting table for Discovery cardiovascular and interventional X-ray angiographic systems. This table is designed to meet the standard for surgical tables and to be used during hybrid OR procedures (IEC 60601-2-46; 1998 with deviation for the clause 36.101).</p>

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The OR Table features:

- OR Table with covers and table side user interfaces (SmartBox, TSSC and Central Touch Screen) specifically designed to reach the IPX4 level of protection against ingress of liquids as required by the operating tables standard IEC 60601-2-46
- Custom sterile drapes for the tube, detector and C-arm of the system
- Rails at standard surgical size that can be adapted on the trunk section of the table to accommodate and attach surgical accessories
- Anesthesia screen holder and two arm boards
- A 20kVA uninterruptible power supply (UPS) that provides vital minutes of emergency table control and fluoroscopy to position the table in an optimal position and continue critical aspects of a case in progress should power be interrupted

The OR Table features functionalities that provide effortless, automated and flexible positioning:

- Fully motorized longitudinal and lateral motions even when tilted
- Variable force positioning that allows for smooth and precise motion over the complete range of speeds
- Auto positioning feature that enables the capability to memorize the table and gantry position simultaneously or separately
- A new dedicated auto-positioner memory position for quick return to CPR position (Cardio Pulmonary Resuscitation)
- Can support a total load of 320 kg (705 lbs.), comprising a maximum patient weight of 204 kg (450 lbs.) for the tabletop, (at any longitudinal, lateral or tilted position), plus 40 kg (88 lbs.) of accessories on each of the two side rails, plus 20 kg (44 lbs.) of accessories at table end, plus 16 kg (35 lbs.) for other miscellaneous components or accessories (i.e. mattress, shoulder rest).
- Tabletop includes a 2 inch mattress.
- Imaging coverage with table panning: up to 189 cm
- Tabletop length: 333 cm (131 inches)
- Tabletop width: 46 cm (18 inches) in trunk area.

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		<ul style="list-style-type: none"> <li>Horizontal eight-way float movement <ul style="list-style-type: none"> <li>Longitudinal travel: up to 170 cm (66.9 inches)</li> <li>Transverse travel: +/- 14 cm (5.5 inches in manual mode; +/- 13 cm (5.1 inches) with motorized panning</li> <li>Vertical travel without tilt: 30 cm (12 inches)</li> <li>Vertical travel above floor with tilt: 80 cm (31.5 inches) to 137 cm (54.3 inches)</li> <li>Vertical speed: up to 2.5 cm (1 inch)</li> <li>Rotation of +/- 180 degrees (typical values)</li> </ul> </li> <li>Tilt-related specifications: <ul style="list-style-type: none"> <li>Tilting angles of 20 degrees head down (Trendelenburg) and 12 degrees heads up (reverse Trendelenburg) (typical values)</li> <li>Tilting speed: up to 2 degrees/second</li> <li>Equipped with iso-center tracking and incidence keeping as standard features</li> <li>Incidence keeping available in the range from 20 degrees head down (Trendelenburg) to 12 degrees heads up (reverse Trendelenburg)</li> <li>Dedicated shoulder and foot rest for optimal patient comfort when using maximum tilt</li> </ul> </li> </ul>
		X-ray Tube and Generator
		Discovery IGS 730 utilizes a 100 kW high frequency, Jedi three-phase power unit that provides grid pulsed fluoroscopy capability.
		Performix 160A X-ray Tube
		<ul style="list-style-type: none"> <li>1.0, 0.6 and 0.3 mm (Biased) Effective Focal Spots</li> <li>Grid Pulsed Fluoroscopy</li> <li>3.7 MHU Anode Heat Storage Capacity</li> <li>3200 Watt Continuous Casing Heat Dissipation Rate: 4500 Watt peak capability for a maximum of 10 minutes</li> <li>Continuous Water Cooling with External Chiller</li> </ul>
		Angiographic Collimator
		<ul style="list-style-type: none"> <li>Automated Spectral Filters: 0.1, 0.2 and 0.3 mm Cu thick</li> <li>Three independent motorized contour filter plates including a</li> </ul>

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			<p>central leg filter</p> <ul style="list-style-type: none"> <li>• Functions are controlled from tableside.</li> </ul> <p>Image Detection</p> <p>Flat Panel Detector</p> <p>The key element in this image chain is GE's patented Revolution Digital detector, which captures dynamic and fluoroscopic images in digital form with very efficient use of x-ray dose. The specially designed Discovery IGS 730 Digital System provides optimized and customizable image processing algorithms to take maximum advantage of the unique properties of these images. The system is configured with a removeable anti-scatter grid to maximize image quality during routine imaging.</p> <p>Digital Flat Panel Image Chain</p> <ul style="list-style-type: none"> <li>• 30 cm Revolution Digital Flat Panel Imaging System</li> <li>• Completely Digital Imaging Chain</li> <li>• Amorphous Silicon Photodiode Array</li> <li>• Cesium Iodine Scintillator</li> <li>• 30 cm x 30 cm Active Area</li> <li>• 30, 20, 16, and 12 cm Fields of View (Measurements are length per side.)</li> </ul> <p>Dose Reduction</p> <p>The Discovery IGS 730 is optimized for dose efficient operation in a wide range of imaging applications. GE's dose sensitive design accounts for various aspects of dose optimization.</p> <ul style="list-style-type: none"> <li>• Detector dose efficiency: The high DQE of the Revolution Detector provides inherent dose efficiency improvements.</li> <li>• C-Arm design: The Discovery IGS 730 features an extra large source to isocenter distance (also known as Source to Object Distance or SOD) that increases the capacity to reduce the patient skin dose (Based on mathematical simulation. In clinical use, the results of dose reduction techniques will vary depending on the clinical task, patient size, anatomical location and clinical practice.).</li> <li>• Virtual Collimation: Enables you to position the collimator blades without irradiation.</li> </ul>	

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		<ul style="list-style-type: none"> <li>Dynamic exposure optimization - AutoEx: A neural network technology allows advanced exposure management algorithms to dynamically control X-ray technique and beam filtration. User can select system settings, from maximizing image quality to minimizing skin dose. Based on those settings, the system automatically optimizes in real time the contrast-to-noise ratio within the image by selecting the optimal technique factors and spectral filter thickness.</li> <li>Specific filtration of 0.1, 0.2 and 0.3 mm Cu is incorporated in the collimator.</li> <li>Temporal dose efficiency: The high temporal resolution of the Revolution Detector and the real-time adaptive capability of the Discovery IGS 730 architecture allow GE's unique fluoro algorithms to produce dose efficient noise reduction.</li> <li>Optimized frame rates: A choice of frame rates to enable dose reduction while capturing dynamic motion with required resolution is available.</li> <li>Integrated dose monitoring: Users can monitor air kerma, integrated air kerma over the exam, and the total dose area product received by the patient during a procedure.</li> <li>Dose IQ customization: Several image quality and dose strategies are available and can be customized for the various clinical protocols in both Fluro and Record acquisitions, making the Discovery IGS 730 truly versatile without compromise over a wide range of clinical procedures.</li> <li>Dose Structured Reporting: The Discovery IGS 730 provides DICOM compatible Radiation Dose Structured Report allowing the export of the calculated dose and related acquisition parameters.</li> </ul>

## Imaging

### Digital Imaging Subsystems

A fully integrated imaging system that meets key vascular imaging demands with advanced real-time processing, storage, post processing and display capabilities. Based on the Windows XP operation system, the Discovery Digital system is capable of true multitasking with background image networking that increases productivity and speeds patient throughput.

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			<ul style="list-style-type: none"> <li>• High bandwidth, real-time processing and image presentation algorithms optimized for imaging using the Revolution Detector provide superior image enhancement.</li> <li>• Dynamic Range Management provides consistent visibility of vessels and devices over all backgrounds.</li> <li>• Edge enhancement filters automatically adapt to field-of-view changes to maintain consistent image appearance.</li> </ul>	
			Image Acquisition	
			<ul style="list-style-type: none"> <li>• Fluoroscopy (un-subtracted, roadmap and subtracted) at 30 fps, 15 fps and 7.5 fps</li> <li>• Optional Sub/no Sub simultaneous display at maximum 30 fps (requires an additional in-room B&amp;W LCD monitor)</li> <li>• Angio Acquisition Package: <ul style="list-style-type: none"> <li>- DSA (digital subtracted angiography) at 0.5-7.5 fps</li> <li>- Multi-segment DSA and flexible frame rate and duration and single shot capabilities</li> </ul> </li> <li>• Optional Dynamic Acquisition Package at 30 and 15 fps</li> <li>• Innova Chase acquisition at 5 fps</li> <li>• Field-of-view adjustment from tableside with four magnification selections with 1024 x 1024 image display regardless of acquisition matrix</li> <li>• Integrated X-ray dose tracking and in-room display of air kerma and dose area product</li> <li>• Horizontal and vertical image flip capability for all acquisition modes</li> <li>• Automated electronic shutter matched to collimated portion of image for optimized image display and visualization comfort</li> <li>• Dynamic Field of View (FOV) - allows FOV change during fluoroscopy without releasing fluoro pedal</li> </ul>	
			Image Display	
			<ul style="list-style-type: none"> <li>• Discovery IGS 730 includes 2 B&amp;W 19 inch LCD monitors for in-room display of live and reference images.</li> <li>• Additional 19 inch LCD color monitors or Large Display Monitor of 56 inches can be purchased and used for in-room display of additional images such as AW, hemodynamic, and</li> </ul>	

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ep recording systems, ultrasound, IVUS.

- Optional open monitor suspension allows users to install another third-party suspension
- Positioner indicators are integrated into the in-room display for streamlined monitor configuration and reduced eye distraction.
- Stopwatch in-room display is activated from the optional Central Touch Screen.
- Optional In-room Browser lets users review a thumbnail display of acquired sequences directly on the in-room monitor for interactive tableside selection and review. With a press of a button, users can automatically transfer the angulation information and position the gantry to match the position from the review image. This feature is available from infrared remote control as well as from the optional Central Touch Screen.

#### User Interface

##### Examination Room at Table Side

Users can get the most from the system with customized tableside controls features like the optional integrated Innova - s5i IVUS system, the optional In-room Browser and the optional Central Touch Screen, an intuitive tableside touch screen user interface. Discovery IGS 730 is designed to make the user's experience more intuitive. The tableside controls feature simple pushdown operation. The table panning control has a comfortable "mushroom" grip for easy enabling and movement.

- The Smart Box provides a simple control of the positioner and table. It allows to control the AGV along imaging positions, to back-out and back-in the AGV and to control the C-Arm angulation and the table.
- The Table Side Status Control (TSSC) provides simple access to key acquisitions and review parameters throughout the exam.
- The optional Central Touch Screen, universal tableside touch screen panel lets users control Discovery IGS 730 system functions.
- The optional In-room 3D Mouse features a dedicated ergonomic 3D Mouse as well as shortcuts for fast access to



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frequently used functions. It allows direct 3D image manipulation in the examination room. An in-room color 19 inch LCD AW monitor integrated in the LCD suspension can be activated to display and access various 3D manipulation commands.

#### Other Examination Room Interfaces

- The AGV features a dedicated interface at the back of the system, allowing optimal control of all the AGV trajectories: back-out, parking and panning.
- An optional tableside cart is available to support gantry controls and tableside system controls.
- Wireless remote allows in-lab control of commonly used image playback and processing functions.
- Dual Footswitch with Table Unlock and Footswitch Cover

#### Control Room

- Keyboard enables patient data entry.
- Flat graphic display with easy point-and click mouse control supports patient management and advanced processing and analysis features.
- A remote stand is provided to use the second tableside user interface in the control room.
- Discovery includes two 48 cm (19 inch) LCD monitors.
  - 1 B&W monitor for display of live images in the control room
  - 1 color console monitor

Additional optional reference and subtracted roadmap repeater monitors are available.

- Dedicated keypad for convenient control of commonly used review functions provides an image shuttle knob to control playback and one-touch access to review functions such as play/pause, previous/next image, run, zoom and roam, edge enhancement adjustment, mask selection, pixel shift, and store/ recall reference images.

Optional: A second Smart Box or TSSC can be added at tableside or in the control room.

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			<p>Image Management, Connectivity &amp; Workflow</p> <p>Discovery IGS 730 facilitates image management and workflow using standard format and communication protocols. It also features close integration with AW VolumeShare and the CA1000 workstations to provide advanced image review and processing capabilities.</p> <ul style="list-style-type: none"> <li>• Acquisition of data at 14 bits</li> <li>• Cardiac images stored in 8 bits, maximum 450 images per sequence, storage capacity: 136000 cardiac images</li> <li>• DSA images with 12 bits data stored in 16 bits, maximum 450 images per sequence, storage capacity: 68000 DSA images</li> <li>• DICOM image output on 100Mbit Ethernet with Autosend and background transfer for fast transmission with minimal user interaction</li> <li>• Capability to do full resolution 1024 x 1024 DICOM push to retain image quality at acquisition (configurable to 512 x 512, for cardiac acquisitions)</li> <li>• Patient Worklist capability provides a single point of entry of patient data, increasing staff productivity and eliminating clerical errors. Patient information can easily be imported into the digital system from information systems that support DICOM Worklist Service Class Provider.</li> <li>• Multi-destination Push enables images to be sent to multiple remote DICOM destinations. It helps to support a clinical scenario of handling post-processing and archival activities in multiple destinations independently of each other (workstation, PACS). Multi-destination guarantees a seamless integration of the Discovery IGS 730 into clinical workflow.</li> <li>• MPPS: Modality Performed Procedure Step allows the Discovery IGS 730 to share with the hospital information system the main exam parameters.</li> <li>• For the Innova 3D option, users can direct-push the 3D acquisition directly to the pre-configured AW, even if the images of the exam are pushed to a PACS or another archiver.</li> </ul> <p>Customer Service</p> <p>Advanced remote connectivity allows GE to monitor systems and intervene if necessary. In case of power outage, a 20kVA</p>	

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			<p>Uninterruptible Power Supply (UPS) provides vital minutes of emergency fluoroscopy to continue critical aspects of a case in progress. The integration of the UPS with the system provides easy transitions and feedback.</p> <p><b>Servicability</b></p> <p>The Discovery IGS 730 Digital System Manager simplifies troubleshooting and minimizes downtime with built-in equipment error logging and power-up diagnostics in real time. Resident software monitors the entire system, including peripheral hardware. Discovery IGS 730 features 24 hour InSite* remote service diagnostics and repair. InSite service is available to systems covered by the original warranty or by a GE service contract (broadband required). Extended Service</p> <p>An optional full-service contract ensures uptime even after the original warranty expires and provides advanced remote diagnostics through a broadband or phone connection.</p> <p><b>Scalability</b></p> <p>In addition to a powerful core system, Discovery IGS 730 can be customized to meet each site's application-specific needs. Options include: InnovaSense Patient Contouring; In-room Browser; OneTouchQA, Synchro3D; Fluorostore; the Central Touch Screen; InnovaBreeze; InnovaSpin; Innova 3D; Innova CT; Quantitative Stenosis and Ventricular Analysis; and Extended Service Contract Offering.</p>
2	2		<p><b>Tablesides Cart</b></p> <p><b>Tablesides Cart</b></p> <p>The Tablesides Cart is designed to hold table side user interfaces (TSUI) of the Innova cardiovascular system. TSUI can then be located at different locations around the imaging system to adapt to the operators working position.</p> <p>Compatible Table Side User Interface (TSUI) allowed to be installed on the Tablesides Cart include:</p> <ul style="list-style-type: none"> <li>• Smart Box/Smart Handle</li> <li>• Table Side Status Control (TSSC)</li> <li>• Innova Central Touch Screen</li> <li>• In-room 3D Mouse</li> </ul>

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			<ul style="list-style-type: none"> <li>Volcano Touch Pad Controller</li> </ul> <p>The Cart is designed such that the TSUI's are clamped on its rails exactly the same manner as they are clamped on the table accessory rails.</p> <p>The Tableside Cart is delivered with two accessory rails, each designated to hold up to two Table Side User Interfaces (TSUI).</p> <p>The Tableside Cart can be installed with one or two accessory rails.</p> <p>The height of the rails is customizable:</p> <ul style="list-style-type: none"> <li>Single rail configuration, the rail can be positioned at 75.5 cm (29.7 in.), 82 cm (32.3 in.), 98 cm (38.6 in.), or 104.5 cm (41.2 in.)</li> <li>In dual rail configuration, 2 settings are possible: <ul style="list-style-type: none"> <li>Bottom rail: 75.5 cm (29.7 in.) Top rail: 98 cm (38.6 in.) or</li> <li>Bottom rail: 82 cm (32.3 in.) Top rail: 104.5 cm (41.2 in.)</li> </ul> </li> </ul> <p>Two brakes located on the front side of both front wheels, can be used to immobilize the Tableside Cart when needed.</p> <p>The Tableside Cart is certified with Innova IQ Table exclusively.</p>	
3	1		<p>Accessories Cart</p> <p>Accessories Cart</p> <ul style="list-style-type: none"> <li>Used for Patient Comfort Accessories with the InnovaIQ Table with Tilt and OR Table</li> </ul>	
4	1		<p>Head Support Widener</p> <p>Head support widener for InnovaIQ Table with Tilt and OR Table</p>	
5	1		<p>Comfort Accessories Package</p> <p>Comfort Accessories Package for Base Systems with OR Table</p> <p>Includes:</p> <ul style="list-style-type: none"> <li>Removable Rails at surgical size (for the trunk section of the table)</li> <li>Set of two arm boards with thick pads</li> <li>Anesthesia screen holder</li> <li>Set of two easy lock sockets</li> </ul>	
6	1		<p>Head Rails Extender</p>	

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			Head rails extender for InnovalQ Table with Tilt and OR Table	
7	1		Patient Restraint Strap	
			Patient restraint strap for InnovalQ Table with Tilt and OR Table	
8	2		Easy Lock Socket	
			Easy lock socket for InnovalQ Table with Tilt and OR Table	
9	1		Advanced Service Kit	
			Advanced Service Kit	
			This is a kit needed to install the table.	
10	1		Innova Central Touch Screen	
			IPX4 Innova Central Touch Screen for IGS Systems	
			The Touch Screen User Interface is a gateway to table-side integration of multiple work-flow enhancing features. The Touch Screen controls not only Innova functions, but also Maclab cardiolab functions (optional). In the future this centralized tableside platform is going to have ability to connect with, and control third-party devices as well.	
11	1		FluoroStore with Fluoroloop	
			FluoroStore	
			Lets you store and play fluoroscopic loops with a push of a button. Enables looping display and storage of the last 450 fluoroscopic images (60 seconds to 15 seconds depending on frame rate). The images are marked with a separate icon to identify them distinctly during the review.	
12	1		2nd SmartBox for Discovery IGS 730	
			SmartBox for Discovery IGS 730	
13	1		2nd TSSC for Discovery IGS 730	
			TSSC for Discovery IGS 730	
14	1		Remote TSUI Control for TSSC and/or Smart Box	
			Remote TSUI Control for TSSC and/or Smart Box	

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15	1		<p>GE Large Display Monitor, 8MP</p> <p>GE Integrated Large Display Monitor</p> <p>The GE Large Display Monitor (LDM) is an optional in-room primary 8 megapixel large monitor and video server solution that is fully integrated on the Innova Central Touch Screen. The 56 inch LDM connects with the Innova single plane cardiovascular X-ray systems, helping physicians perform routine and advanced procedures in the Cath, Interventional Radiology and Electrophysiology Labs by helping them to see with confidence. A high definition video output is available as an option. This plug-in allows other HD devices such as monitors for teaching purposes or recording and streaming systems to be displayed.</p> <p>There are 19 inputs available including 3 free open inputs compatible with VGA and DVI video formats. The Large Display solution can support many relevant data sources required during interventional procedures. More than 120 pre-defined layouts are accessible at the Innova Central Touch Screen. This offers the user a wide variety of ways to customize layouts according to their specific procedures and preferences. Layouts may be changed during the procedure at the Innova Central Touch Screen. The images may be zoomed to enlarge small details or information in complex interventions.</p> <p>The GE Large Display solution has the potential to replace the multiple monitors fixed on the boom and select individual device monitors scattered around the lab with one large, configurable, high resolution display. This allows an improved procedural workflow that helps the physician keep the focus on the patient, not the technology.</p> <p>The main features of the Large Display Monitor are:</p> <ul style="list-style-type: none"> <li>• Large Display Monitor of 56 inches (142.2cm) in diagonal dimension</li> <li>• Display matrix of 8 megapixels arranged as a 3840 by 2160 pixel array</li> <li>• Ability to accept up to 19 video inputs for Live, Reference, AW and optional subtracted Fluoro monochrome signals as well as for a wide variety of other video signals usually used in an interventional environment - including 3 free open inputs</li> </ul>

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			<p>compatible with VGA and DVI video formats</p> <ul style="list-style-type: none"> <li>• Video server able to display video signals on screen at various sizes and in various arrangements</li> <li>• Up to 120 layouts provided for selection by the users - may be grouped into user groups or application specific functional groups for convenience</li> <li>• Can select the displayed layout directly from the Innova Central Touch Screen at tableside in one click</li> <li>• 19 inch (48cm) monochrome Live and Reference monitors connect at the back side of the LDM for backup and reliability in the procedure room.</li> <li>• As an option, HD video outputs are available to connect to any HD compatible video solution (such as second 8MP monitor, 2MP HD monitor, recorder ...) for education and recording purposes.</li> </ul>
16	1		<p>Sub/No-Sub Fluoro Display</p> <p>Simultaneous Image Display</p> <p>Includes Sub/No-Sub software.</p>
17	1		<p>Power Cord for LDM</p> <p>Power Cord for LDM, 110 volt</p>
18	1		<p>3KVA UPS for LDM, 110 volt</p> <p>UPS for Large Display Monitor, 3KVA, 110 volt</p>
19	1		<p>Analog to Digital Converter Kit</p> <p>Analog to Digital Converter Kit</p>
20	1		<p>Link Set for Innova Sub/No Sub Fluoro Display</p> <p>Link Set for Sub/No-Sub Fluoro Display</p>
21	1		<p>Link Set for Recording System</p> <p>Link Set for Recording Systems</p>
22	1		<p>Link Set for PACS</p> <p>Link Set for PACS</p>

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23	1		Link Set for IVUS Volcano Link Set for IVUS Volcano
24	1		Link Set for AW, Innova 3D, and Innova CT Link Set for AW, Innova 3D, and Innova CT
25	1		Link Set for Digital and Analog Ultrasound Link Set for Digital and Analog Ultrasound
26	1		Link Set for Open 1 Link Set Open 1 Suitable for anesthesia monitors, camera, etc.
27	1		Link Set for Open 2 Link Set Open 2 Suitable for anesthesia monitors, camera, etc.
28	1		CABLES FOR ADDL 8MP MONIT CABLES FOR ADDL 8MP MONIT
29	1		Large Display Monitor Suspension with 36 meter cable GE Large Display Monitor Suspension <ul style="list-style-type: none"> <li>A dedicated ceiling suspension with protective handles provides vertical and horizontal monitor position adjustments as well as rotation of the monitor on the boom.</li> </ul>
30	1		19 inch Monochrome Flat LCD Reference Monitor 19 Inch Monochrome Flat (LCD) Reference Monitor All Components Required for Viewing of High Quality Images. The Kit Includes: <ul style="list-style-type: none"> <li>19 Inch Monochrome LCD Control Room Monitor</li> <li>All Required Cabling</li> </ul>
31	1		Main Power Disconnect Panel - UPS Ready Innova Main Disconnect Panel - UPS Ready This main disconnect panel provides emergency shut down,



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			undervoltage protection, overcurrent protection, OSHA lockout tag provisions, and serves as a local disconnect for the GEHC Innova system. It reduces installation time and cost by providing a single-point power connection, eliminating the need to mount and wire a number of individual components, and its standardized design and testing assures high product quality and system reliability. It is UL and cUL listed for compliance with National Electric Code, and it can be either surface or semi-flush mounted. Customer is responsible for rigging and arranging for installation with a certified electrician.
32	1		Innova IQ 20KVA UPS GE Digital Energy 20KV <sub>a</sub> UPS for Innova Systems
33	1		UPS Interface UPS Interface
34	1		UL Coolix SMC Auto Transformer UL Coolix SMC Auto Transformer
35	1		InnovaSense, Advanced Patient Positioning, Patient Contouring and Anti-Collision Package InnovaSense, Advanced Patient Positioning, Patient Contouring and Anti Collision Package
36	1		Administration Package Administration Package DICOM Patient Worklist Capability Provides Single Point of Entry of Patient Data, Increasing Staff Productivity and Eliminating Clerical Errors. Patient Information can Easily be Imported Into the Digital System From Information Systems That Support DICOM Worklist Service Provider. The Administrative Package is Required for Two-way Information Exchange with the Mac Lab Hemodynamic Recording Systems (Optional). Administration Package includes Multi-destination Push which enables images to be sent to multiple remote DICOM destinations sequentially (one after the other). Multi-destination helps to support

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			a clinical scenario of handling post processing and archival activities in multiple destinations independently of each other (workstation, PACS). Multi-destination provides a seamless integration of the Innova into your workflow.	
37	1		<p>Innova Breeze Option for Innova with InnovaIQ Table with Tilt</p> <p>InnovaBreeze Peripheral Vascular Imaging Option - Frontal Plane Only for Innova with InnovaIQ Table with Tilt</p> <ul style="list-style-type: none"> <li>• InnovaBreeze Acquisition Software <ul style="list-style-type: none"> <li>- Continuous panning while viewing subtracted contrast bolus</li> </ul> </li> <li>• InnovaBreeze control handswitches with interface cables <ul style="list-style-type: none"> <li>- Handles installed in control room</li> </ul> </li> <li>• InnovaBreeze Advantage Paste Software on AW</li> <li>• Quickstrap Positioning Strap Kit</li> </ul>	
38	1		<p>Innova 3D Package</p> <p>Innova 3D Package</p> <p>This option includes the necessary hardware and software for the Innova 3D Option for acquiring and processing Innova Rotational Angiography and visualizing the results on the AW Workstation. The option also includes the capability of the acquiring 2D rotational spins (InnovaSpin). This option requires the Innova 3D calibration phantom kit and the Volume Viewer capability on the AW Workstation. It also includes the 3D Calibration Suitcase.</p> <p>The acquisition capability includes both the choice of InnovaSpin at 40 degrees per second with DRM applied and Innova 3D acquisition at 40 degrees per second with DRM turned off for reconstruction on the AW Workstation. The Acquisition in both cases spans approximately 200 degrees and takes approximately 5 seconds to complete. Acquisition fields of view are 30x30 cm, 20x20 cm, and 16x16 cm on the IGS 530/630. Data is automatically transferred to the AW Workstation for reconstruction and review.</p> <p>The option includes the necessary software on the AW Workstation for reconstruction of the acquired data with appropriate artifact correction applied into slice data sets that can be reviewed utilizing the full capabilities of the Volume Viewer application of the AW</p>	

Item No.	Qty	Catalog No.	Description	Ext Sell Price
			<p>Workstation. These capabilities include 3D visualization structure as well as cross sectional slice review.</p> <p>Innova 3D results can be archived utilizing the AW archival capabilities or exported to external storage systems for long term archival.</p> <p>Innova 3D can be used for Cardiac as well as Vascular 3D models.</p>	
39	1		<p>Innova CT</p> <p>Innova CT Option</p> <p>Innova CT is an applications extension of the Innova 3D Rotational Angiography Option and requires the Innova 3D Option as a pre-requisite. It includes the necessary hardware and software to perform 5, 10, and 20 second acquisition spins for the purpose of acquiring rotational data sets with additional axial angles to improve low contrast resolution and other image quality parameters. These spins yield approximately 150, 300, and 600 axial angles.</p> <p>Acquisition fields of view:</p> <p>Innova 3D and CT acquisition fields for the 4100 are approximately:</p> <p>40 cm x 40 cm Detector FOV for Volume of 24 cm diameter x 24 cm high at 120 cm SID 32 cm x 32 cm Detector FOV for Volume of 19 cm diameter x 19 cm high at 120 cm SID 20 cm x 20 cm Detector FOV for Volume of 12 cm diameter x 12 cm high at 120 cm SID 16 cm x 16 cm Detector FOV for Volume of 9 cm diameter x 9 cm high at 120 cm SID</p> <p>Innova 3D and CT acquisition fields for the 3100/3131 are approximately:</p> <p>30 cm x 30 cm Detector FOV for Volume of 18 cm diameter x 18 cm high at 120 cm SID 20 cm x 20 cm Detector FOV for Volume of 12 cm diameter x 12 cm high at 120 cm SID 16 cm x 16 cm Detector FOV for Volume of 9.6 cm diameter x 9.6 cm high at 120 cm SID 12 cm x 12 cm Detector FOV for Volume of 7 cm diameter x 7 cm high at 120 cm SID</p> <p>Innova 3D and CT acquisition fields for the 2100/2121 are approximately:</p> <p>20 cm x 20 cm Detector FOV for Volume of 12 cm diameter x 12 cm</p>	

Item No.	Qty	Catalog No.	Description	Ext Sell Price
			<p>high at 120 cm SID 17 cm x 17 cm Detector FOV for Volume of 10.2 cm diameter x 10.2 cm high at 120 cm SID 15 cm x 15 cm Detector FOV for Volume of 9 cm diameter x 9 cm high at 120 cm SID 12 cm x 12 cm Detector FOV for Volume of 7 cm diameter x 7 cm high at 120 cm SID</p> <p>Innova CT also includes reconstruction software with modified artifact correction and reconstruction parameters designed to optimize the visualization of bone and tissue in the Innova CT data.</p>	
40	1		<p>Blended Roadmap</p> <p>Blended Roadmap</p> <p>Blended Roadmap is a vascular roadmapping application that superimposes a previously acquired vascular image over live fluoroscopy. Clinicians can select any DSA or bolus image as a reference roadmap image. By using it multiple times, it has the potential to minimize contrast media injections during roadmapping. Blended roadmap provides additional features to enhance roadmapping procedures:</p> <ul style="list-style-type: none"> <li>• Adjustment of the subtraction level</li> <li>• Adjustment of the vessels transparency</li> <li>• Automatic resizing of the roadmap image to adapt to the fluoroscopic field of view</li> <li>• Pixel shift of the vessel image to compensate for motion</li> </ul> <p>Blended Roadmap is available on systems with either Omega V or InnovaIQ tables. Blended Roadmap requires the Advanced Innova Software Package. On the biplane systems it can be applied to one frame at a time.</p>	
41	1		<p>Innova Subtracted 3D</p> <p>Innova Subtracted 3D</p> <p>Innova Subtracted 3D enhances the Innova 3D application by adding automated sequential mask and contrast spin acquisitions with processing protocols to produce subtracted 3D vascular images. Clinicians may use Subtracted 3D to quickly visualize vessels without the need to remove surrounding bone, tissue, and implanted devices. The output of the 3D processing provides convenient side by side and separate visualization of the mask</p>	

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			<p>series, the subtracted vascular anatomy and the standard 3D vascular images.</p> <p>The mask image can be fused onto the subtracted image and their transparency can be adjusted for optimal visualization of the implanted devices in relationship to the vascular anatomy. Innova Subtracted 3D requires the following: Innova 3D, AW VolumeShare5 or higher, and the Advanced Innova Software Package.</p>	
42	1		<p>Innova Vision</p> <p>Innova Vision</p> <p>Innova Vision is an advanced application that dynamically fuses in real-time 2D X-ray images and 3D models from multiple modalities to support localization and guidance of catheters, coils and other devices during interventional procedures. Innova Vision includes automatic image registration while fusing 3D models from the current exam and 2D X-ray images throughout the entire exam. It adjusts in real time for all modifications of C-arm angulations, source-to-image distance, field of view and table height, or lateral/longitudinal position, thus providing device localization of all times.</p> <p>Fused images are displayed on a dedicated monitor in the procedure room for easy viewing.</p> <p>3D models, such as the 3D vessel tree, can be reconstructed from the user's choice of subtracted or non-subtracted rotational angiography (X-ray), computed tomography (CT) or magnetic resonance (MR) images.</p> <p>A dedicated fusion algorithm is applied to optimize visualization of both 2D X-ray and any one of the 3D images on the fused areas.</p> <p>Innova Vision is compatible with either Omega V or InnovaIQ Table. Innova Vision requires: Premium AW for Interventional (AW VolumeShare4 configuration), at least one in-room AW monitor, and the Advanced Innova Software Package. The superimposition utilizes the frontal plane 2D images.</p>	
43	1		<p>Innova TrackVision</p> <p>Innova TrackVision</p> <p>Innova TrackVision is an advanced application that provides</p>	

Item No.	Qty	Catalog No.	Description	Ext Sell Price
			<p>superimposition of Innova CT with needle trajectory on fluoroscopic image. Visualize needle advancement in real time based on X-ray images fused with predefined 3D trajectories and 3D anatomy. Innova TrackVision includes automatic image registration while fusing the 3D information of a pre-defined trajectory and the 2D X-ray images throughout the entire exam. It adjusts in real time for all modifications of C-arm angulations, source-to-image distance, field of view and table height, or lateral/longitudinal position, thus providing needle localization at all times. The application also allows the physician to automatically position the gantry in the optimal projections for viewing and controlling needle advancement. Fused images are displayed on a dedicated monitor in the procedure room for easy viewing.</p> <p>On Innova CT images, multiple trajectories can be predefined to plan the needle's path, using the dedicated trajectory planning protocol on the Advantage Workstation. Innova TrackVision is compatible with either Omega V or InnovaIQ Table. Innova TrackVision requires: Premium AW for Interventional (AW VolumeShare4 configuration), and the Advanced Innova Software Package. For biplane systems the superimposition is performed on the frontal plane 2D image.</p>	
44	1		<p>Innova Vision Hardware Package</p> <p>Innova Vision Hardware Package</p>	
45	1		<p>Premium AW VolumeShare 5 with 2 Monitors, 12GB RAM, VV Innova and Synchro 3D</p> <p>AW VolumeShare 5 with Two Flat Panel Monitors and 12GB of RAM. Also Includes Volume Viewer Innova and Synchro 3D.</p> <p>AW VolumeShare 5 is a multi-modality image review, comparison and post processing workstation built with simplicity and power at its core. Powerful software is optimized to take advantage of state of the art 64 bit technology and multiple cores to ensure leading edge performance.</p> <p>AW VolumeShare 5 features include:</p> <p>Hardware:</p> <ul style="list-style-type: none"> <li>HP Z800 Workstation with Intel x5650 Six Core Xeon 2.66 GHz CPU with 8MB Shared L2 Cache / 1333 MHz Dual FSB</li> </ul>	

Item No.	Qty	Catalog No.	Description
			<ul style="list-style-type: none"> <li>• 6GB DDR-3 1333 ECC DIMM</li> <li>• 300GB SAD 15,000rpm Hard Disk for OS and Apps.</li> <li>• 600GB SAS 15,000rpm Hard Disks for Image Data</li> <li>• 2 x 19" EIZO MX191 monitors</li> </ul> <p>Software:</p> <ul style="list-style-type: none"> <li>• Fast access to information you need through optional RIS integration &amp; priors post-fetch</li> <li>• Efficient workflow through dynamic load, end review and Key Image Notes features</li> <li>• Optional productivity package to pre-process exams and allow up to 8 simultaneous sessions</li> <li>• Applications usage monitor to track usage of your system</li> <li>• Smart layouts with Volume Viewer General review protocol that optimizes comparison and single exam layouts</li> <li>• Enhanced multi-modality contouring tool with support for PET SUV's</li> <li>• Support for external DICOM USB media and preference management tool to exchange preferences across users</li> <li>• Support for optional, broad suite of multi-modality advanced applications</li> <li>• Volume Viewer Innova</li> <li>• Synchro 3D</li> </ul>
46	1		<p>AUTOBONE XPRESS.</p> <p>AutoBone Xpress</p> <p>AutoBone Express is a Software Package that provides Automatic Segmentation of Bony Structures and Calcified Plaques Optimized for the latest CTA Acquisition Techniques.</p> <p>AutoBone Xpress Clinical Benefits:</p> <ul style="list-style-type: none"> <li>• 0-Click Segmentation of Bony Structures to facilitate Vascular Structures Visualization for any Anatomy including Head and Neck CTA.</li> <li>• 1-Click Automatic Segmentation of Calcifications for Abdominal CTA and Run-Off Exams. Side-by-Side display of Vessels in 3D MIP with and without Calcifications provides a Direct Access to Calcified Plaques effect on Vessel Lumen.</li> </ul>

Item No.	Qty	Catalog No.	Description
			<p>Operator Productivity Benefits Include:</p> <ul style="list-style-type: none"> <li>• Decreased time to First Clinically Relevant Image Segmenting Automatically Bony Structures and providing a Quick 3D MIP Overview of Vascular Structures.</li> <li>• Synchronized Viewports enabling Fast confirmation of Results on Reformatted and Native Images.</li> <li>• AutoSelect Segmentation Tools may be used to Refine Segmentation by Quickly Adding or Removing Structures.</li> <li>• The resulting Volume Rendered Image can be Manipulated to View Vessels Only. Transparent Bones can be Restored for Landmarks. Calcifications can also be Visualized in Transparency to Show Lumen.</li> <li>• Optimized Layouts for each Anatomy for Fast and Relevant Visualization.</li> </ul> <p>System Requirements:</p> <ul style="list-style-type: none"> <li>• VolumeViewer 5 for AW VolumeShare 5.</li> </ul>
47	1		<p>Advantage Paste 2.0 for AW</p> <p>Advantage Paste for Innova on Advantage Workstation - Version 2.0</p> <p>Post Processing Reconstruction of a Full Leg Vascular Tree on a Single Pasted Image From Innova remote Bolus Chase images.</p> <ul style="list-style-type: none"> <li>• Automatic Background Processing Upon Receipt of Remote Bolus Chase Images From the DL Digital System.</li> <li>• Excellent Image Quality Insured Through Maximum Opacification and Automatic Mask-Image Registration.</li> <li>• Reconstruction in Less than Two Minutes, Full Automated</li> </ul> <p>Pre-requisites:</p> <ul style="list-style-type: none"> <li>• AW 4.2 or Higher.</li> <li>• InnovaBreeze Peripheral Imaging Option</li> </ul>
48	1		<p>Cardiac Analysis Package for AW</p> <p>Cardiovascular Analysis Package for AW</p> <p>The Cardiovascular Analysis Package includes both the Stenosis Analysis Package and the Left Ventricular Analysis Package.</p>



Item No.	Qty	Catalog No.	Description	Ext Sell Price
			<p>The Stenosis Analysis Package is an application designed to estimate vessel dimensions and relevant parameters of the arterial Stenosis morphology in X-Ray angiography. The system is capable of automatic detection of vessel edges and display of stenosis severity.</p> <p>The Left Ventricular Analysis Package is an expert reporting tool designed to estimate wall motion dynamics of the left ventricle, and to perform Global Ejection Fraction analysis in X-Ray angiography. The system is capable providing Wall Motion and Global Ejection Fraction measurements. Wall Motion is built on the centerline method.</p> <p>GEF analysis is calculated using both Simpson's rule method and the Dodge-Sandler area-length method.</p>	
49	1		<p>VessellQ Xpress</p> <p>VessellQ Xpress for Interventional Use</p> <p>VessellQXpress is an optional software post processing package for the Advantage Workstation platform which also runs on CT scanners and some PACS reading stations. It is an additional tool for the analysis of 3D angiographic data and provides a number of display, measurements and batch filming and archiving features to study user selected vessels. These features include but are not limited to stenosis analysis, pre and post stent planning procedures, and directional vessel tortuosity visualization. This program works on CT CTA images and XACT X-ray subtracted 3D angiographic images from both current digital flat panel systems and the GE Advantx Image Intensifier based x-ray systems. The features of the program vary appropriately for the characteristics of the acquired data set (CT versus X-ray). For a full description of program features from all modalities refer to the product data sheet for VessellQXpress.</p> <p>This program can be used with the Interventional X-ray system with the AW monitor images repeated in the procedure room at tableside for consideration during the intervention.</p> <ul style="list-style-type: none"> <li>• Multiple customizable image layouts</li> <li>• Rapid vessel analysis techniques including stenosis analysis</li> <li>• Anatomy focused protocols</li> </ul>	

Item No.	Qty	Catalog No.	Description
			<ul style="list-style-type: none"> <li>• Predefined vessel name lists for consistency</li> <li>• Stenosis tools</li> <li>• Convenient reporting and archival</li> <li>• Allows operator created 3D landmarks which can be exported to the Vision program</li> </ul> <p>System Requirement:</p> <p>AW VolumeShare 5</p> <p>Note: All software are non-transferable to other hardware, and are non-returnable.</p> <p>Notes and help:</p> <p>If the customer will frequently import CTA data sets to use in the interventional lab that will require processing with the VesselIQ Xpress software it is recommended that you quote the Autobone and VesselIQXpress, since it is much more convenient to process CTA images with AutoBone as part of the process.</p>
50	1		<p>FlightPlan for Liver</p> <p>FlightPlan for Liver</p> <p>FlightPlan for Liver is a non-invasive software package that helps with the analysis of GE C-Arm 3D and CT images of the liver arterial tree and facilitates the identification of arteries in the vicinity of an operator selected target. It can be used to help facilitate the planning of liver endovascular treatments such as selective particle embolization and chemo embolization of liver tumors. It allows extraction of vessels in the vicinity of the target with a minimum number of commands and with a higher sensitivity compared to only using 3D review.</p> <p>FlightPlan for Liver processes Innova 3D models and includes the following main features:</p> <ul style="list-style-type: none"> <li>• Simple extraction of the hepatic arterial tree</li> <li>• Operator definition of a starting point and a region of interest</li> <li>• Automatic extraction of vessels in the vicinity of the selected region of interest to help the user identify the associated vessels with the selected region</li> <li>• Ability to manually add and remove associated vessels</li> </ul>

Item No.	Qty	Catalog No.	Description	Ext Sell Price
			<ul style="list-style-type: none"> <li>• Save state and export to Innova Vision application to overlay extracted vessels over real-time fluoroscopic image if the GE angiographic suite is equipped with the Innova Vision option</li> <li>• Multimodality 3D review to display complementary information from Innova CT, MR, CT or PET acquisitions. These acquisitions with FlightPlan for Liver may be used to help identify the region of interest. FlightPlan for Liver provides the capability to: <ul style="list-style-type: none"> <li>- Load &amp; compare CT, MR or PET 3D dataset side by side with the Innova 3D dataset</li> <li>- Align &amp; review volumes in a similar way as exam comparisons done inside Volume Viewer compare protocols</li> </ul> </li> </ul> <p>FlightPlan for Liver accepts only 3D image sets acquired on GE Digital Flat Panel Angiographic systems.</p> <p>System Requirements:</p> <p>Advantage Windows VolumeShare 5</p> <p>Note: All software is non-transferable to other hardware, and are non-returnable.</p> <p>Notes and help:</p> <p>FlightPlan for Liver works with any manufactured level of GE Digital Flat Panel X-ray system with 3D acquisition capability. Note that the Innova 2000 system is not included in this set as there is no 3D capability. The FlightPlan for Liver program can export a planned map directly to the Vision program or in the case of systems which do not have Vision the maps can be displayed on the color AW in room monitor and still have value for navigation.</p>	
51	1		<p>Cardiac Analysis Package on DL Digital System</p> <p>Cardiovascular Analysis Package (on DL system)</p> <p>The Cardiovascular Analysis Package includes both the Stenosis Analysis Package and the Left Ventricular Analysis Package.</p> <p>The Stenosis Analysis Package is an application designed to estimate vessel dimensions and relevant parameters of the arterial Stenosis morphology in X-Ray angiography. The system is capable of automatic detection of vessel edges and display of stenosis</p>	

Item No.	Qty	Description	Ext Sell Price
		<p>severity.</p> <p>The Left Ventricular Analysis Package is an expert reporting tool designed to estimate wall motion dynamics of the left ventricle, and to perform Global Ejection Fraction analysis in X-Ray angiography. The system is capable of providing Wall Motion and Global Ejection Fraction measurements (GEF). Wall Motion is built on the centerline method.</p> <p>GEF analysis is calculated using both Simpson's rule method and the Dodge-Sandler area-length method.</p>	
52	1	<p>Innova Onetouch Stenosis Analysis</p> <p>Innova Onetouch Stenosis Analysis</p> <p>The Innova Onetouch Stenosis Analysis is designed to bring the Stenosis Analysis capability to the tableside using the Innova Central Touch Screen. Program activation, distance measurements and other Stenosis Analysis parameters can be controlled directly on the Touch Screen with fingertip control.</p> <p>Innova Onetouch Stenosis Analysis requires the purchase of either the Stenosis Analysis Software or the Cardiac Analysis Software, as well as the Innova Touch Screen. On biplane systems it can be applied to either plane, processing one plane at a time.</p>	
53	1	<p>Raysafe i2 Package</p> <p>Includes:</p> <ul style="list-style-type: none"> <li>• 1 - E7100RA Raysafe i2</li> <li>• 4 - E7100RB Additional Raysafe Dosimeter</li> <li>• 1 - E7100RC Raysafe Dose Manager Software</li> <li>• 1 - E7100RD Additional Raysafe Rack</li> </ul> <p>RaySafe i2 dosimetry system provides real-time, accurate and easy-to-interpret dose information. It helps healthcare workers to better understand scatter radiation and decide when it is time to adjust their working behavior to avoid unnecessary exposure. By continuous control of exposure data it is possible to reduce dose to the personnel. Clinical studies have indicated around 30-40% staff dose reduction.</p>	
54	1	<p>Mark 7 Arterion injector on integrated pedestal with installation and</p>	

Item No.	Qty	Catalog No.	Description	Ext Sell Price
			warranty (GE Innova package)	
			<p>The Mark 7 Arterion is light, maneuverable and easy to use. Less time positioning and setting up the Arterion means more time with the patient. The clearly visible and intuitive user interface guides you through proper setup, and highlights the information you need to perform injections confidently.</p> <ul style="list-style-type: none"> <li>• Ergonomic handle for easier maneuverability</li> <li>• Front load syringe for simple insertion and clean removal</li> <li>• Syringe provides a clear view of the contrast</li> <li>• Light injector head with a handle to make it easier to position for injection</li> <li>• Smooth arc design of pedestal for extended reach</li> <li>• Small footprint which increases mobility around a busy lab</li> <li>• Bright and colorful intuitive user interface is designed to highlight the information you need</li> <li>• Highlighted armed state to know when the system is ready to inject</li> <li>• History and protocol screens to easily access the amount of contrast delivered to the patient and store and recall protocols</li> </ul>	
55	1		<p>VIS-A-VIS Vitalinq Intercom System for X-ray</p> <p>VIS-A-VIS Vitalinq Intercom System for X-ray</p> <p>The VIS-A-VIS Vitalinq intercom system for X-ray is a two-way communication system that is designed to meet the specific needs that arise during diagnostic and interventional procedures. It enables physicians to have continuous two-way conversation with the control room operator during diagnostic and interventional procedures.</p> <p>FEATURES/BENEFITS</p> <ul style="list-style-type: none"> <li>• Capable of picking up conversation in a normal tone of voice, Vitalinq allows control room operators to respond immediately to physicians' requests</li> <li>• Larger format and unique pyramidal construction of the microphones contribute to Vitalinq's high intelligibility, even within the acoustically active space of a full-functioning</li> </ul>	

Item No.	Qty	Catalog No.	Description	Ext Sell Price
			<p>procedure room</p> <ul style="list-style-type: none"> <li>Designed to minimize the loss of articulation by reducing the potential echo path it gathers and transmits speech in a highly efficient manner</li> </ul> <p>SPECIFICATIONS</p> <ul style="list-style-type: none"> <li>Dimensions: 24" x 24" x 20"</li> <li>Weight: 47 lbs.</li> </ul> <p>NOTES:</p> <ul style="list-style-type: none"> <li>INSTALLATION IS THE RESPONSIBILITY OF THE CUSTOMER</li> <li>Warranty Period 6 months - Exchange of non conforming products, which are returned to GE during warranty period.</li> <li>Installation, parts, application training and onsite service is the buyer's responsibility</li> </ul>	
56	1		<p>Large Sterile Drape - 20/Box</p> <p>Large Sterile Drape - 20/Box</p> <p>FEATURES/BENEFITS</p> <ul style="list-style-type: none"> <li>Individually packaged, disposable sterile drapes are designed to easily attach to your GE Cardiac Cath or Vascular X-Ray system</li> <li>Helps reduce the opportunity of cross contamination, and are made of clear, latex-free polyethylene</li> </ul> <p>SPECIFICATIONS</p> <ul style="list-style-type: none"> <li>For 9"-20" diameter openings</li> <li>Packaged 20 drapes per box</li> </ul> <p>COMPATIBILITY</p> <ul style="list-style-type: none"> <li>Recommended for draping MLX tube hanger and Polarix or other c-arm intensifiers; also compatible with remote consoles and 16" image intensifiers</li> </ul>	
57	1		<p>Innova IGS 530, IGS 730 Full Drape Detector, C-ARM, and Tube</p> <p>Innova IGS 530, IGS 730 Full Drape Detector, C-ARM, and Tube</p>	
58	1		X-Ray Table Clamp for Remote Panning Handle	

Item No.	Qty	Catalog No.	Description	Ext Sell Price
			X-Ray Table Clamp for Remote Panning Handle	
			FEATURES/BENEFITS	
			<ul style="list-style-type: none"> <li>Designed for an Omega cardiac/vascular table</li> <li>BIG AL clamp allows the operator to position the table remote panning handle at the end of the angio table on either the right or left side</li> <li>The location of the handle can be customized to meet the needs of the individual operator</li> <li>Option will support clinical studies such as TIP's procedures, or any procedure where the operator needs to position and operate the table from the patient's head and neck area</li> </ul>	
			SPECIFICATIONS	
			<ul style="list-style-type: none"> <li>Metal clamp: 3" x 3" x 7" box weighing 6 lbs</li> </ul>	
			COMPATIBILITY	
			<ul style="list-style-type: none"> <li>GE Omega cardiac/vascular tables</li> </ul>	
59	1		Clear Vu Arm Support-1pair Clear-Vu Arm Supports, One Pair..H Dimensions: 11-1/2 x 15-3/4 x .177" thick. Sold Per Pair	
60	1		Contour Shield 76 x 61 cm (with center connect) Contour Shield 76 x 61 cm (with center connect)	
61	1		Mavig Single Pivot Lower Body Protector Mavig Single Pivot Lower Body Protector provides convenience, flexibility and protection for medical personnel. 65 x 90cm, left and right mount with a single adapter . . .H Warranty Period- 6 months-Exchange of non conforming products, which are returned to GE during warranty period Note: Installation, parts, application training and on-site service is the buyer's responsibility	
62	1		Mavig Double Pivot, Flexible Lower Body Protector Mavig Double Pivot, Flexible Lower Body Protector, (UT6020-GE); This Model is Designed To Offer Full Protection to Doctor and Staff During Examination in Combination with Tilttable Tables. Performance Angle +/- 15 Degrees, Adjustable Brakes for Lower	

Item No.	Qty	Catalog No.	Description	Ext Sell Price
			Shield, Left and Right Table Mounting with Single Adapter; Sold per Each ...H Warranty Period-6 months- Exchange of non conforming products, which are returned to GE during warranty period Note: Installation, parts, application training and on-site service is the buyer's responsibility	
63	1		<p>8 Days Interventional X-ray Advanced Applications On-site System Training</p> <p>8 Days Interventional X-ray Advanced Applications On-site System Training</p> <p>Eight full days (1 day = 8 hours) of on-site training for an Innova X-ray system. Includes one 3-day on-site visit to coincide with system go-live, one 3-day on-site follow-up visit and one 2-day on-site follow-up visit to be scheduled Monday through Friday. Training cannot be scheduled as single day events. Training expires 12 months from the date of go-live of equipment or purchase, whichever is the latest.</p>	
64	1		<p>Discovery IGS Comprehensive Training Plan</p> <p>Discovery IGS Comprehensive Training Plan</p> <p>This training package is designed for the customer who has purchased a Discovery IGS system. It includes the following training opportunities: clinical workflow analysis, on-site system pre-training prior to go-live of equipment, go-live training and 12 days follow-up training on advanced applications.</p> <p>On-site training (pre-training, go-live, follow-up) (1 day = 8 hours) is to be used Monday through Friday. Training expires 12 months from the date of go-live of equipment or purchase, whichever is the latest. This training can only be quoted in conjunction with a Discovery IGS system.</p>	
65	1		<p>4 Days Interventional X-ray On-site System Training</p> <p>4 Days Interventional X-ray On-site System Training</p> <p>Four full week days (1 day = 8 hours) of on-site training for an Innova X-ray System, to be used Monday through Friday. Training expires 12 months from the date of go-live of equipment or purchase, whichever is the latest. Days provided consecutively.</p>	



Item No.	Qty	Catalog No.	Description	Ext Sell Price
66	1		HQ Innova Vision / Innova TrackVision Class HQ Innova Vision / Innova TrackVision Tuition for one student to attend one two-day class for Innova Vision and Innova TrackVision at the GE Healthcare Institute in Waukesha, WI. Tuition includes air transportation, local ground transportation, hotel and meals to include breakfast and lunch. Training expires 12 months from the date of go-live of equipment or purchase, whichever is the latest. This course will focus on both the Innova Vision and Innova TrackVision advanced applications and is intended for the customer who desires training on both to include Innova 3D/3DCT/CTHD.	
67	1		AGV Room Template AGV Room Template	
68	1		9 ft. 6 inch Inboard Monitor Bridge 9 foot 6 inch Inboard Monitor Bridge	
69	1		Long Sleeve for 3 Monitor Support Reinforcement Bridge	
70	1		In Board Rails, 228 inch/579 cm In Board Rails, 228 inches long, to be used with LCD Monitor Suspensions	
71	1		MAC Lab Cable 70 inches MAC Lab Cable, 70 inches	
72	1		Group 1 Cable, Maximum Length Group 1 Cable, Maximum Length	
73	1		C1 Ground Cable, maximum length C1 Ground Cable, maximum length	
74	1		Group 2 Cable - Maximum Length Group 2 Maximum Length Cable	
75	1		Group 3 Cable	

Item No.	Qty	Catalog No.	Description	Ext Sell Price
			Group 3 Cable Select	
76	1		Group 4 - 5 Cable	
			Group 4-5 Cable	
77	1		Bolus Cable Set - 100 FT/30M	
			Bolus Cable Set - 100 ft./30m	
78	1		Fast Link Cable Group	
			Fast Link Cable	
79	1		Elegance Table Plate	
			Elegance Table Plate	
80	1		Innova Lift Dolly	
			Innova Lift Dolly	
81	1		Rails and Cable Drapes	
			Rails and Cable Drapes	
82	1		X-ray Digital Detector Coolant Kit	
			X-ray Digital Detector Coolant Kit	
83	1			
84	1		X-RAY BASIC SERVICE	
			X-RAY BASIC SERVICE (CLASS/LAB) (9 Days)	
			<p>The X-RAY BASIC SERVICE in-resident course will equip the engineer with the theory and physics of x-ray and the ability to operate and identify x-ray systems at a basic service level. The in-residence course will provide classroom instruction as well as hands-on lab training on a variety of R&amp;F systems. The purchase of this course doesn't include the online course R0181RY which must be complete before attending this course. This course must be taken within 2 years from the purchase date.</p>	

Item No.	Qty	Catalog No.	Description	Ext Sell Price
85	1		<p>VASCULAR BASIC SERVICE</p> <p>Vascular Basic Service</p> <p>The Vascular Basic Service course consists of a one week in-residence class including class discussions and hands-on labs. It will equip the engineer with the theory and physics of vascular x-ray and the ability to operate and identify several GE Vascular systems at a basic service level. This course is a prerequisite to Innova Systems R0154RY. This course must be redeemed within 2 years from purchase.</p>	
86	1		<p>DISCOVERY IGS 730 SVC TRA</p> <p>DISCOVERY IGS 730 SVC TRA</p>	
87	1		<p>X-RAY BASIC SERVICE (WEB)</p> <p>X-RAY BASIC SERVICE (WEB)</p> <p>This course is a prerequisite to R0182RY and is included in the purchase of the In-residence course. This course consists of 2 sections: Prerequisite and Reference course material. Prerequisite course material includes: Radiographic basic applications and Fluoroscopic basic applications. Reference course materials include: X-ray principles, Radiographic components, Fluoroscopic components. Studying the prerequisite course material and passing the 2 tests is required before attending R0182RY X-RAY BASIC SERVICE in-resident course. This course must be taken within 2 years from the purchase date.</p>	
88	1		<p>INNOVA IQ TABLE</p> <p>Innova IQ Table Online Course</p> <p>The Innova IQ Table is an online course that is downloadable. It introduces the Elegance tilting table upgrade on Unity systems. This course is designed for engineers with prior Innova training and who will be responsible for servicing and providing support for Innova IQ Tables. The training will address only the differences between Innova Unity Single Plane and Innova Unity Single Plan with the Elegance Upgrade Kit. Emphasis is placed on site preparation, installation, configuration, calibration, operation, and servicing the Innova IQ table. This course must be taken within 2 years from the purchase date. Please contact us at geeducation@ge.com or</p>	

Item No.	Qty	Catalog No.	Description
89	1		Contour Shield 76 x 61 cm (with center connect)
			Contour Shield 76 x 61 cm (with center connect)