



# QUOTATION

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To:

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 Mid-Atlantic Medical Equipment  
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## TWO YEAR WARRANTY INCLUDED WITH PURCHASE

Part Number	Qty	Description	List Price	Net Price
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GOVERNMENT DISCOUNT PRICING  
 CONTRACT # V797P-6020b or # SPM2D1-09-D-8312

### Hybrid Urology Package

5364286-05	1	<b>OEC 9900 Elite™ Digital Mobile Standard C-arm ESP</b> (Expanded Surgical Platform with 12" I.I.)		
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High performance mobile C-arm for use in general surgical procedures.  
 Provides flexible mechanical features, rotating anode x-ray tube, user-friendly touch screen user interface, and superb image quality.

The physical dimensions and the open design of the C-arm allow the system to be easily transported throughout the hospital and provide unobstructed imaging access around the patient and procedural table.

#### Digital Image Processing and Workstation

- Dynamic Range Management (DRM) controls for image management
- Four pre-set imaging profiles for optimized anatomical capture
- Dual articulating, high resolution flat screen black & white monitors
- Integrated keyboard touchpad – cursor/tap controls
- DICOM 3.0 interface with send and query/retrieve
- CD/DVD on-board media storage, read/write compatible

#### Generator

- 60kHz high frequency
- 15kw power
- Up to 120kVp
- Up to 75mA for radiographic film exposure
- Continuous high level fluoro (HLF) up to 20mA
- Digital spot up to 75mA
- Full Power from standard wall outlet
- Patented battery buffered design

#### X-ray Tube

- Rotating Anode X-ray tube
- 0.3mm and 0.6mm focal spots
- Anode heat capacity: 300,000 HU (per IEC 60613)
- Anode cooling rate: 85,000 HU/min.
- Housing heat capacity: 1,600,000 HU
- Standard housing cooling 22,500 HU/min.

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		<p><b>Digital Image Rotation</b></p> <ul style="list-style-type: none"> <li>▪ Digitally adjusts image display</li> <li>▪ Automatic image update <ul style="list-style-type: none"> <li>-Image rotation</li> <li>-Image reversal (side-to-side)</li> <li>-Image invert (top-to-bottom)</li> </ul> </li> <li>▪ Image positioning without additional exposure</li> </ul> <p><b>PreView™ Collimator</b></p> <ul style="list-style-type: none"> <li>▪ On-screen collimator position indication</li> <li>▪ PreView™ iris collimator</li> <li>▪ PreView™ Tungsten rotatable double leaf collimator</li> <li>▪ Adjusts collimator without X-ray exposure</li> </ul> <p><b>Fluoro Mode</b></p> <ul style="list-style-type: none"> <li>▪ kVp range: 40 – 120</li> <li>▪ mA range: 0.2 – 10 <ul style="list-style-type: none"> <li>1.0 – 20 HLF (high level fluoro)</li> </ul> </li> <li>▪ Auto and manual fluoro modes</li> <li>▪ AutoTrak™ ABS varies mA, kVp, camera gain</li> </ul> <p><b>Pulsed Fluoro Mode</b></p> <ul style="list-style-type: none"> <li>▪ kVp range: 40 – 120</li> <li>▪ mA range: 0.2 – 10</li> <li>▪ Pulse rate: 1,2,4,8</li> <li>▪ Pulse width: 25 or 50ms</li> <li>▪ AutoTrak™ ABS, mA, kVp, camera gain</li> <li>▪ Reduces X-ray dose to patient and operator</li> </ul> <p><b>High Level Pulsed Fluoro</b></p> <ul style="list-style-type: none"> <li>▪ kVp range: 40 –120</li> <li>▪ mA range: 1-40</li> <li>▪ Pulse rate: 1,2,4,8</li> <li>▪ Pulse width: 25 or 50ms</li> <li>▪ AutoTrak™ ABS, mA, kVp, and camera gain</li> </ul> <p><b>Digital Spot Mode</b></p> <ul style="list-style-type: none"> <li>▪ kVp range: 40 – 120</li> <li>▪ mA range: Up to 75</li> <li>▪ Automatic exposure termination and automatic image save</li> </ul> <p><b>Radiographic Mode</b></p> <ul style="list-style-type: none"> <li>▪ mA range: Up to 75</li> <li>▪ mAs range: Up to 300</li> <li>▪ Computer controlled exposure time</li> </ul> <p><b>12" Intensifier</b></p> <ul style="list-style-type: none"> <li>▪ Tri-mode 12"/9"/6" (31cm/23cm/15cm) image intensifier</li> <li>▪ Minimum central resolution (at the monitor): <ul style="list-style-type: none"> <li>-12" (31cm): 1.6 lp/mm</li> <li>-9" (23cm): 2.2 lp/mm</li> <li>-6" (15cm): 2.6 lp/mm</li> </ul> </li> <li>▪ DQE: 65% (typical)</li> </ul> <p><b>Precision imaging with Dynamic Range Management (DRM) enhances features of interest while attenuating background noise.</b></p> <ul style="list-style-type: none"> <li>▪ Preset Imaging Profiles <ul style="list-style-type: none"> <li>-9800</li> <li>-General</li> <li>-Orthopedic</li> <li>-Spine</li> </ul> </li> </ul>		

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**AutoTrak™****Automatic Brightness Stabilization (ABS)**

- Automatically seeks the subject anatomy anywhere within the imaging field and selects the optimum imaging technique
- Automatically adjusts to anatomical size and location
- Provides uniform image quality throughout entire image
- Simplifies operation

**Image Quality**

- Smart Window
  - Dynamically senses the collimator position and automatically adjusts brightness and contrast to produce high image quality
- Smart Metal
  - Allow user to adjust automatic brightness and contrast sensitivity levels to metal
  - Provides optimum image quality even when metal is introduced to the field
- Tungsten Collimator
  - Denser collimator limits X-ray exposure area
  - Reduces scatter radiation
  - Improves image detail

**Video Camera**

- High resolution 1k x 1k CCD camera
- Full frame capture
- Motorized rotation
- On-screen orientation indicator (real-time feedback without fluoro)
- Left-right image reversal
- Top-bottom image invert

**Video Display**

- Dual 18" (46cm) display anti-glare, LCD flat panel monitors mounted on an articulating arm
  - 22" horizontal travel
  - 7° up/10° down
  - Monitors viewable from all four sides of workstation
  - Horizontal and vertical viewing angle 170°
- 800 CD/M<sup>2</sup> maximum brightness
- Touch screen system control
- 1280 x 1024 high resolution monitors

**ESP Platform**

- 1k x 1k x 16 image processing
- Preset Imaging Profiles
  - 9800
  - General
  - Orthopedic
  - Spine
- Noise filter with on-screen indicator
- Minimal difference spatiotemporal noise filter (MDST)
- Real-time dynamic range management (DRM)
- Automatic digital brightness and contrast control
- Manual digital brightness and contrast control
- Negate mode
- Save and auto-save feature
- Swap and auto-swap feature
- Patient information
  - Examination list
  - Customized patient information

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**ESP Platform Cont.**

- Patient information
  - Examination list
- Customize functions
  - Workstation set-up
  - Mainframe set-up
  - Patient Information set-up
  - Date/time set-up
  - DICOM interface set-up
- Last image hold
- 1000 image storage
- CD/DVD burner with DICOM viewer for displaying images on PC platforms
  - 512 x 512 or 1k x 1k
- Integrated DICOM interface (store, print, worklist and query/retrieve)
- HIPAA SecureView®
  - Password protection
  - Blank screen function
  - Delete all
- Zoom and roam function
- Image annotation
- Measurement software

**User Interface**

- Entire system is computer controlled and software upgradeable
- Touchscreen controls simplifies operation
- Automated system operation requires minimum operator interface
- Multi-functional controls
  - Footswitch
  - Hand-held control
- Simplified keyboard with integrated touchpad
- Multi -purpose image directory
  - Retrieve and review images
  - Compose hardcopy films
  - Copy images
- X-ray dose summary

**C-arm Mechanics**

- Counterbalanced, manual adjustment of orbital rotation, cranial-caudal rotation, wig-wag and horizontal motion
- Patented flip-flop C-arm reversal (SmartView)
- 31" free space, 28" depth in arc, 115° orbital rotation
- Dual, illuminated C-arm operator control panels

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**OEC Clinical Excellence Onsite Training**

- Pre-training package with interactive CD-ROM
- Up to two days<sup>1</sup> of in-service by our ARRT certified Clinical Imaging
- Post-training skills assessment & test
- Participants will be eligible for Continuing Education (CE) credits from the American Society of Radiologic Technologists<sup>2</sup>

**Warranty**

- One year warranty

**Notes: OEC Clinical Excellence Onsite Training**

<sup>1</sup>Onsite training provided from 8am to 5pm, Monday through Friday. Includes all CIS travel & living expenses.

<sup>2</sup>Training produces the best results when a dedicated core group of technologists complete the session. We guarantee that the core group, who complete the entire OEC® Clinical Excellence curriculum, will be competent to perform the tasks required for basic operation of the system. Competency will be measured through a skills assessment completed while the CIS is on-site. The CIS will ensure that all participants meet such competency requirement.

**Notes: Imaging Tables Warranty Specific**

<sup>3</sup>Stille-Sonesta imaging products are warranted to be free from failures due to defects in materials or workmanship, for a period of one-year (12) months. During the warranty period, Stille-Sonesta will repair or replace without charge, at its sole discretion, any parts which are deemed defective as described above.

<sup>4</sup>Image Diagnostic Inc. (IDI) imaging products are warranted to be free from failures due to defects in materials or workmanship, parts are covered for a period of 3 years and labor for a period of 1 year. During the warranty period, IDI will repair or replace without charge, at its sole discretion, any parts which are deemed to be defective as described above.

Ref: LR-990105-01 and Price Guide: 00-870683-01-OEC

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**Third Party Item**

5264926

**IDI Aspect 100UC Plus Mobile Urological Imaging Table**

- Carbon fiber tabletop with low x-ray attenuation
- Tabletop dimensions: 28"W x 46"L (71 x 117 cm)
- Unobstructed imaging area: 25"W x 19"L (63.5 x 48.3 cm)
- Motorized Tabletop motions with hand control and foot control:
  - Elevation: 31.3" – 41.1" (79.4 – 104.4 cm)
  - Trendelenburg Tilt: ± 15°
  - Longitudinal tabletop travel: 10" (25.4 cm)
  - Transverse tabletop travel: ± 3.5" (± 8.9 cm)
- Radiographic cassette tray, loads from either side of table
- Locking swivel casters
- Patient weight capacity: 525 lbs. (238 kg)
- Table weight: 575 lbs. (261 kg)
- 110 VAC or 230 VAC operation (must specify with order)
- Battery back-up operation
- Warranty: 3 years parts, 1 year labor

**Accessories included:**

- Tabletop Pad, low x-ray attenuation
- Leg extension, 30"L x 28"W (76 – 71 cm) with pad
- Drain Bag Support Hoop
- Disposable drain bag and hose ass'y, box of 20
- Removable Radiation Shield Flap for perineal end of table
- Patient Restraint Straps
- Armboard, phenolic, rail mounted, with pad and strap
- Disposable covers for footswitch and radiation shield flap, box of 50

**WARRANTY:**

Table warranty terms are specified and service provided by the manufacturer during the warranty period as described above. During this period any warranty claims should be addressed directly with the manufacturer:

Image Diagnostics, Inc.  
 98 Pratts Jct Rd.  
 Sterling, MA 01564  
 (978) 422-8601, Fax (978) 422-8405

5271887

**NuBoom HDSOI, High Definition M2**

**All in one equipment management and visualization system.**

**Includes:**

- Two (2) overhead HDSOI, High Definition, 24" monitors
- One 1-segment and One 2-segment booms
- 7" Touch Screen Master Control
- DOCS software

**Inputs:**

- 1 'S' Video
- 1 DVI-I
- 1 VGA
- 1 Composite
- DVD (in/out, S-Video)

**Installation – Weekday**

Dates to be inclusive of Monday – Thursday, Includes In-Service. Price estimate based on facility being located within 100-mile radius of top 50 airports and is subject to change based on additional accessories purchased and determinations from pre-installation consultation. 2 Days In-Service.

**In-Service Training**

Additional 2 Days of In-Service Training. (2 Days of In-service are included with installation.)

**User Accessible Network Connection**

**Providing network connection located by Laptop Input on Cabinet**

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<b>Accessories</b>				
5304056	1	Sony UP990-AD thermal printer (6" x 8" Paper/Blue Transparent Film)		
5157425	1	Elbow Supports with Pads (Pair)		
5219699	1	Boot-Style Stirrups (Pair), Power Assist, with Pads (Requires 2 Side-Rail Clamps). For Patients up to 350 lbs.		
5335488	2	Side-Rail Clamp for Leg Holders		
5272103	1	Additional External Shelf on Cabinet - Kit includes shelf and all hardware.		
5344228	1	12" UltimaCare Service Contract with Glass (Twelve-Month Extended Warranty)		

**TOTAL INVESTMENT:**

The company cannot accept the orders directly from the Medical Center against this contract. Orders must be placed by the VA National Acquisition Center, which adds a 1.4% surcharge to the net price of the new equipment. If you have questions on the surcharge policy, please contact the National Acquisition Center.