

SHIP TO:
CHIEF,A&MM B82075
V.A. Medical Center
V. A. WESTSIDE (537)
2030 W. TAYLOR ST.
CHICAGO, IL 60612

P.O.# 537-B82075

<i>Qty</i>	<i>Description</i>
VA	
1	OEC 9900 Elite™ Digital Mobile Standard C-arm Basic Vascular(Basic Vascular Platform with 8 F/S digital disk and 9"l.l.)
1	9" l.l. laser aimer/localizer (with removable cross hairs) & supplement
1	TMI Spectre Wireless Foot Switch/Hand Switch System for OEC 9800 and 9900 Mobile C-arms; Includes 1 Hand Control, 1 Foot Control, 1 Receiver/Adapter, and Charger Bases.
1	IDI Ilex 32 Inch HD Mobile Display With Stand
1	Oakworks CFPM 300 Imaging Table Integrated Headrest Table Top
1	9" Twelve Month Extended Warranty, 9900

Qty	Description
1	<p data-bbox="418 905 1133 961">OEC 9900 Elite™ Digital Mobile Standard C-arm Basic Vascular(Basic Vascular Platform with 8 F/S digital disk and 9"l.l.)</p> <p data-bbox="418 984 1156 1094">High performance mobile C-arm for use in vascular and endovascular procedures. Provides flexible mechanical features, rotating anode x-ray tube, user-friendly touch screen user interface, and superb quality.</p> <p data-bbox="418 1144 1123 1253">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.</p> <p data-bbox="418 1276 878 1302">Digital Image Processing and Workstation</p> <ul data-bbox="443 1329 1149 1541" style="list-style-type: none"> - Dynamic Range Management (DRM) controls for image management - Five 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 - USB 2.0 mass storage device, write only, .jpg/.bmp/.avi file formats <p data-bbox="418 1566 529 1591">Generator</p> <ul data-bbox="443 1619 943 1831" style="list-style-type: none"> - 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 <p data-bbox="418 1856 537 1881">X-ray Tube</p> <ul data-bbox="443 1908 740 1934" style="list-style-type: none"> - Rotating anode X-ray tube

Qty	Description
	<ul style="list-style-type: none"> - 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 15,000 HU/min.
	Digital Image Rotation
	<ul style="list-style-type: none"> - Digitally adjusts image display - Automatic image update: <ul style="list-style-type: none"> - Image rotation - Image reversal (side-to-side) - Image invert (top-to-bottom) - Image positioning without additional exposure
	PreView™ Collimator
	<ul style="list-style-type: none"> - On-screen collimator position indication - PreView™ iris collimator - PreView™ Tungsten rotatable double leaf collimator - Adjust collimators without X-ray exposure
	Fluoro Mode
	<ul style="list-style-type: none"> - kVp range: 40 - 120 - mA range: 0.2 - 10 - 1.0 - 20 HLF (high level fluoro) - Auto and manual fluoro modes - AutoTrak™ ABS carries mA, kVp, camera gain
	Pulsed Fluoro Mode
	<ul style="list-style-type: none"> - kVp range: 40 - 120 - mA range: 0.2 - 10 - Pulse Rate: 1,2,4,8 - Pulse Width: 25 or 50ms - AutoTrak™ ABS, mA kVp camera gain - Reduces X-ray dose to patient and operator
	High Level Pulsed Fluoro
	<ul style="list-style-type: none"> - kVp range: 40 - 120 - mA range: 1 - 40 - Pulse rate: 1,2,4,8 - Pulse Width: 25 or 50ms - AutoTrak™ ABS, mA, kVp, and camera gain
	Digital Spot Mode
	<ul style="list-style-type: none"> - kVp range: 40 - 120 - mA range: Up to 75 - Automatic exposure termination and automatic image save
	Radiographic Mode
	<ul style="list-style-type: none"> - mA range: up to 75 - mAs range: Up to 300 - Computer controlled exposure time
	9" Image Intensifier
	<ul style="list-style-type: none"> - Tri-mode 9"/6"/4.5" (23cm/15cm/11cm) image intensifier

Qty	Description
-	Minimum central resolution (at the monitor):
-	9" (23cm): 2.2 lp/mm
-	6" (15cm): 3.0 lp/mm
-	4.5" (11cm): 3.5 lp/mm
-	DQE: 65% (typical)

Precision imaging with Dynamic Range Management (DRM)

enhances features of interest while attenuating background noise.

- Preset Imaging Profiles
- 9800
- General
- Orthopedic
- Spine
- Vascular

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:
- Allows 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 display anti-glare, LCD flat panel monitors mounted on an articulating arm:
- Left hand Black & White monitor, Right hand Color monitor
- 22" horizontal travel
- 7° up/10° down
- Monitors viewable from all four sides of workstation
- Horizontal and vertical viewing angle 170°
- 1200 CD/M2 maximum brightness
- Touch screen system control
- 1280 x 1024 high resolution monitors
- OEC 9900 TechView Reference Monitor:
- 9" LCD Display mounted at C-arm mainframe

Part Number	Qty	Description
	-	Reference quality real-time video of left live-image C-arm
	-	270° rotation, +30/-5° tilt

Basic Vascular Platform

- 1k x 1k x 16 bit image processing
- Preset Imaging Profiles
 - 9800
 - General
 - Orthopedic
 - Spine
 - Vascular
- 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
- 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
 - Real-time digital subtraction (DSA)
 - Peak opacification
 - 8fps Dynamic digital disk
 - Recording /playback rate: 1,2,4,8fps
 - Recording time: 5 minutes @ 8fps
 - Automatic image playback
 - Frame-by-frame review
 - Roadmapping
 - Re-registration
 - Variable landmarking
 - Mask save/recall

User Interface

- Entire system is computer controlled and software upgradeable
- Touchscreen control simplifies operation
- Automated system operation requires minimum operator interface
- Multi-functional controls
 - Footswitch
 - Hand-held control
- Simplified keyboard with integrated touchpad

Qty	Description
	<ul style="list-style-type: none"> - 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, 26" depth in arc, 115° orbital rotation
- Dual, illuminated C-arm operator control panels

OEC Clinical Excellence Onsite Training

- Up to three days* of in-service by our ARRT certified Clinical Imaging Specialists (CIS) during the one-year warranty period.
- Post-training skills assessment & test
- Participants may be eligible for Continuing Education (CE) credits from the American Society of Radiologic Technologists**
- Clinical staff refresher training available online.

Notes: WSP - Wireless Service Platform

- The OEC 9900 comes with a device called the WSP which facilitates these capabilities:
 - USB 2.0 mass storage. The USB functionality is write only, and saves images in .jpg/.bmp/.avi file formats. USB storage devices must be unencrypted and unprotected.

Warranty:

- One year Warranty

Notes: OEC Clinical Excellence Onsite Training

* Onsite training provided from 8am to 5pm, Monday through Friday. Includes all CIS travel & living expenses.** Training produces the best results when a dedicated core group of technologists complete the session. Those who complete the entire OEC Clinical Excellence curriculum should be competent to perform the tasks required for basic operation of the system. Competency will be measured through a skill assessment completed while the CIS is on-site.

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|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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Customizable and ergonomic fluoro access from anywhere in the OR without cables and clutter.

- Plug and play connectivity
- Encrypted Bluetooth transmission
- Factory mated units – invisible to other devices
- 50 foot range

Qty	Description
	<ul style="list-style-type: none"> - One year warranty - Complete package, everything needed to add wireless controls to your 9800 or 9900 C-arm

1 IDI Ilex 32 Inch HD Mobile Display With Stand

System Overview

- 32" HD monitor with dual DVI, SDI and SOG inputs
- Counter weighted stand with minimal footprint
- Single, side-by-side or picture-in-picture imaging modes
- Typical video input sources; C Arm, Hemodynamics, and ultrasound

Accessories Included:

- Accessory basket
- Cable hook
- Transport handle

Stand

- Rugged counter-balanced base
- Four casters, two lockable and two non-lockable
- Adaptable column with vertical rails for accessory attachment
- Heavy duty VESA mount with tilt
- Cable sets: three DVI/HDMI, three SDI, one S Video, one VGA

Monitor

- FSN 32" (81cm) high-bright LED monitor
- Aspect Ratio - 16 x 9 " (41cm x 23cm)
- Width: 30.31" (77cm) x Height: 27.64" (70cm)
- Contrast Ratio – 1300:to 1
- Pixel Pitch - .27 (W) x .27 (H)
- Nits - 450
- Dual DVI, SDI, SOG, S-Video and composite video inputs
- Medical device bios software

WARRANTY:

- The IDI Ilex 32 includes a 1 year warranty. Warranty terms are specified and service provided by the manufacturer. During this period any warranty claims should be addressed directly with the manufacturer:

- Image Diagnostics, Inc.
- 310 Authority Drive
- Fitchburg, MA 01420
- (978) 829-0009, Fax (978) 829-0027

1 Oakworks CFPM 300 Imaging Table Integrated Headrest Table Top

Four Motions:

- Motion 1: height range 26"x 44"
- Motion 2: lateral tilt +15/-15°
- Motion 3: Trendelenburg tilt +15/-12°

Part Number	Qty	Description
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Specifications:

- 500 pound distributed patient weight capacity
- Table top dimensions: 22" x 84" carbon fiber table top
- Metal free imaging area: 56"

Included Accessories:

- 1 foot control, 1 hand control, and 1 power kill switch
- Table top pad- 1" thick
- 1 crescent face rest cushion
- 1 safety strap

Certification, Power Requirements and Warranty:

- Power required – 110V/120V, 15 amps, standard US wall outlet
- FDA listed
- ETL approved
- CE marked
- 36 month limited warranty, provided by Oakworks: 2 years labor / 3 years parts

1 **9" Twelve Month Extended Warranty, 9900**