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Precision 500D Base System with 16 Inch/40 Centimeter Image Intensifier

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The Console consists of a 19 inch color touch-screen for adjusting X-ray generation controls, digital review, filming parameters, a hand switch for making radiographic X-ray exposures, an interface module for X-ray control including on/off and reset switch, and a set of lights to indicate system status.

The Precision 500D system includes both a 19 inch(44cm) LCD color monitor for the Exam room and a 19 inch(44cm) touch screen LCD monitor in the control room. The control room monitor may be desk (included) or wall mounted (accessory option); and the examination room monitor may be ceiling suspended or mounted on a mobile cart. For Reference imaging, a third monitor can be installed (optional): this is a second monitor in the exam room: 19 inch LCD color monitor. Installation with a ceiling dual monitor suspension.

- The basic package features the following:
 - LFOV - 16/12/9/6 Inch QX-Spec image intensifier
 - CCD Imaging System
 - Digital Fluoroscopy 1024 x 1024 x 12-Bit Rapid Fluoro Frame Acquisition:1 to 30 FPS
 - Digital Radiographic 1024 x 1024 x 12-Bit Single Frame or Rapid Acquisition: 1 to 7.5 FPS
- Patient data, image and exam management
 - Add / Delete Patient
 - Review / Edit Patient Info
 - Patient Select for Acquire / Review
 - Images Stored Under Patient Within Series (Runs) and Studies
 - Study Protection
 - On-Line Archival of up to 4,000 (1024 x 1024) Images on Hard Disk with 256 MB RAM for Capturing Images

in Rapid-Acquisition Mode

- SmartFluoro in Fluoroscopy (7 Settings)
- Last Image Hold in Fluoroscopy.
- Digital Radiography up to 7.5 Images / Second with Edge Enhancement Filters (Real-Time and Post Processing - 4 Levels)
- 4-on-1 and 16-on-1 Image Display (Multiview)
- Horizontal and Vertical Digital Shutters with Automatic or Manual Adjustment.
- Image Contrast Invert
- Dynamic Series Review
- Infrared Remote Control

The Precision 500D table includes:

- Intelligent Digital Device (IDD) User Interface Located at the Carriage Tower. It Includes:
 - Power Assist Handle with Speed Proportional to the Force Exerted on the Lever by the Operator
 - Electromagnetic Locks Controlled at the IDD User-Interface. All Locks are Applied Automatically when Exposing a Digital Spotfilm or They May be Selectively Disengaged to Allow Panning During Bolus-Chase Studies.
 - No Spotfilm Device
 - Fluoroscopy Exposure Access Time is Less than .9 Seconds for All Digital Photospots
 - Motorized Grid (10:1) 60 Line / Centimeter (152 Line / Inch) Aluminum Interspaced May be Moved In and Out of the FOV.
- IDD Utilizes Graphical Electro-Luminescent (EL) Display Tilted at 35 Degrees in Conjunction with Other Controls for Complete System Control from Tableside. The Following Functionality is Available Tableside:
 - Table Angulation
 - Tabletop Motion (8-Way)
 - Fluoro and Record Actuation

- Manual Collimation Controls
- FOV Selection
- Grid In/Out (Motorized)
- Video Recorder On/Off
- Digital Mode, which Makes the Following Controls Available: Variable Fluoro Noise Reduction Filters, Digital Record Frame Rate Selection, and Bolus Lock
- Collimation Mode (Automatic or Manual)
- Compression Lock
- Lateral/Longitudinal Lock
- Cone In/Out
- Fluoro Timer Rest
- Total Patient Fluoro Time
- Table Bucky Mode
- Fluoro Carriage and Tower Provides Counterbalanced Support for Fluoro Tower and Maxiray 100 Fluoroscopic Tube Assembly. It has the Following Specifications:
 - Total Longitudinal Travel of 80.9 Centimeters (31.9 Inches)
 - Total Lateral Travel of 27 Centimeters (10.6 Inches)
 - When the Table is Vertical, There is a Maximum of 186.2 Centimeters (73.3inches) from the Fluoroscopic Beam to the Floor, for Cervical Esophagus Coverage on Patients up to 6 Foot 8 Inches Tall.
 - 47.6 Centimeters (18.7 Inches) Maximum Caliper Opening Between Bottom of the Spotfilmer and Tabletop
- Fully Enclosed Steel Table Body for radiation protection
 - Variable Speed Angulation with Soft start and stop
 - Tabletop Longitudinal Drive is Interlocked with the Angulation Drive so that the Tabletop Automatically Shifts the Distance Necessary to Prevent Collision with the Floor and Ceiling
 - Myelographic Stop (Both Mechanical and Electrical)
 - Interlocked Patient Step Eliminates Need for

Accessory Footstool

- Tabletop is a Gray Laminate Measuring 72 x 213 Centimeters (28.5 x 83.9 Inches) and Provides the Following:
 - 500 Pounds(226 Kilogram) Patient in the Horizontal Position (static) and 300 pounds complete table movement with angulation A Mylar Sub-Top Cover Protects the Internal Parts of the Table when the Top is Extended.
 - Radiopacity of the Top and Sub-Panel is Less than 1 Millimeter Aluminum Equivalent at 100 kVp when Top is Centered
 - Motorized 8-Way Flat Tabletop
 - Normal Tabletop Longitudinal Extension is 76.2 Centimeters (30 Inches) at Both Ends; However, at Installation, Travel Can be Extended to 114.3 Centimeters (45 Inches) at One End with Reduced travel at the Other End of 38.1 Centimeter (15 Inches).
 - Lateral Tabletop Motion of 19.7 Centimeters (7.8 Inches)
 - Tabletop Height of 88.4 Centimeters (34.8 Inches) Closely Approximates That of Stretcher Height
- Tableside controls are clustered near the center of the table body and are protected from spills with a one-piece silicon rubber cover. They include:
 - Tabletop Motion
 - Tabletop Center
 - Angulation/Horizontal Stop selector
 - Room light control
 - Digital display of table angulation
- The Collimator has Integrated Copper Spectral Filters in Following Thickness: None, 0.1, 0.2, and 0.3.
- The Precision 500D System Comes with the Maxiray 100 Radiographic and Fluoroscopic Tube Under the Table. MX-100 Provides:
 - Focal Spot Sizes 0.6-1.0 Millimeters

- Target Angle 12.5 Degrees
- Maximum Voltage Rating 150 kVp
- Anode Diameter 100 Millimeters
- Casing Heat Storage Capacity 1,100,000 Joules (1,500,000 H.U.)
- Anode Heat Storage Capacity of 350 KHU (260 KJ)
- Anode Heat Dissipation Rate of 925 Watts (75KHU per Minute) Air Cooled

o The Precision 500D Table offers a Radiographic receptor that provides 114.6 centimeters (57.0 inches) of tabletop coverage. Reciprocating Bucky Grid. 36 lp/centimeter, 12:1 Ratio, FD 110 centimeter grid. Optional Pediatric Stationary High-Line Rate Grid is available.

- Standard Accessories Include:
 - Footrest
 - Patient Hand Grips
- IQST (Image Quality Signature Test) and QAP (Quality Assurance Program) are Tools Used to Assess the Image Quality of the System. Field Engineers and/or Customers Use these Tools to Ensure Image Quality Consistency Results of QAP are Presented to the User as PASS or FAIL of Image Quality Testing. For IQST, Numerical Values are Presented to the User in Addition to PASS or FAIL.
- Exam Room 19 inch LCD monitor
- Dose Measurement
- Virtual Collimation

Virtual Collimation provides the user with Virtual Feedback regarding the positioning of the Collimator Blades thus reducing the need to use Fluoro to adjust collimation.

- DICOM 3.0 Kit
 - Full Fidelity Storage
 - Verification SCU and SCP
 - Storage SCU and Storage SCP

- Storage Commitment (Push Model) SCU
- Query / Retrieve (Study Root Model SCU and SCP)
- Auto Transfer to Two Different Nodes
- Transfer Progress Indicator
- Access Control and Confidentiality
- 10/100 MB/s Ethernet DICOM 3.0 Kit Option
- Full Fidelity Storage
- Verification SCU and SCP
- Storage SCU and Storage SCP
- Storage Commitment (Push Model) SCU
- Query / Retrieve (Study Root Model SCU and SCP)
- Auto Transfer to Two Different Nodes
- Transfer Progress Indicator
- Access Control and Confidentiality
- 10/100 MB/s Ethernet
- DICOM Print
 - Print Management SCU
 - Multiple Printer Configuration
 - DICOM 3.0 Kit is Mandatory for this Function.
- DICOM Worklist
 - Modality Worklist SCU
 - Fill Image from Worklist
 - Modality Performed Procedure Step SCU
 - Mapping Between SPS and PPS
 - DICOM 3.0 Kit is Mandatory for this Function.
- Remote Diagnostics and iLinq Compatible
- English Operator Manual

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90/30 R&F Table Tilt

The Precision 500D 90/30 Radiographic and Fluoroscopic Table Tilt Option offers:

- Positioner Angulation from 88 degrees vertical to 30 degrees Trendelenberg with selectable automatic stop at

horizontal.

3	1	Cross Table Cassette & Grid Holder Cross Table Cassette and Grid Holder
4	1	Table Head Clamps Table Head Clamp
5	1	Table Accessory Rack Table Accessory Rack for use on all tables.
6	1	R&F Table Knee Crutches Option Knee Crutches for Classical R&F tables
7	1	Single LCD Monitor Support for EXAM Room WITH Suspension Single LCD Counterbalanced Monitor Support with Inboard Bridge or XT suspension for exam room.
8	1	65kW High-Frequency Generator The Precision 500D Features a High-Frequency 65kW Generator integrated into a single space savings cabinet. <ul style="list-style-type: none">• Computer Controlled System Manager and Control Modules for R&F applications• Built in System Distribution Power Module and Circuit Breaker for single point power feed to room subsystems and "Brown Out" protection• Millisecond Interrogation and Termination• Specs<ul style="list-style-type: none">- 800 mA at 81 kVp- 640 mA at 101 kVp- 500 mA at 130 kVp- 400 mA at 150 kVp

An Uninterruptible Power Supply (UPS) is provided in the main systems cabinet, to provide backup power required for the proper shutdown of sensitive computer subsystems. In the event

of a power failure, the UPS has sufficient capacity to keep the required subsystems powered up for a minimum of ten minutes.

The following subsystems are supplied via UPS Power:

- Integrated Console
- Digital System

Available in Either 50 or 60-Hz Version.

Overhead Tube Suspension with Inboard Bridge, Auto Collimation and Column Extension Select.

Overhead Tube Suspension with Inboard Bridge, Auto Collimation and Column Extension Select.

The Console with the display of kVp, mAs, SID Productivity, and Angle Interfaces with the Generator and Main Console, Allowing the user to adjust kV, mAs, and select receptors for maximum productivity.

- Specifications
 - Minimum Focal Spot to Floor*: 713 Millimeters (28.07 Inches)
 - Maximum Focal Spot to Floor*: 2213 Millimeters (87.12 Inches)
 - Vertical Travel: 1500 Millimeters (59.05 Inches)
 - Bridge Size: 3 Meters
 - Lateral Travel: 2110 Millimeters (83.07 Inches)
 - Longitudinal Travel: Customized
 - Standard Rail Length: 5790 Millimeters (224.40 Inches) or 4370 Millimeters (172.04 Inches).
 - Tube Angulation**: +/- 180 Degrees (90 Detents)
 - Tube Rotation***: +/- 180 Degrees (30 Detents)
 - Locks: Electromagnetic/Mechanical
 - Mounting: UNISTRUT or Equivalent
 - Standard Ceiling Height: 2900 Millimeters (114.7 Inches)
- Column Extension Selects:
 - 190.5 Millimeters (7.5 Inches), 287 Millimeters (11.3

Inches)

- The Precision 500D System Comes with the Maxiray 100 Radiographic Overhead Tube. The MX-100 Provides:
 - Focal Spot Sizes 0.6-1.25 Millimeters
 - Target Angle 12.5 Degrees
 - 34kW - 107kW
 - Maximum Voltage Rating 150 kVp

* Vertical Heights with a Standard Ceiling Configuration.

** Tube Angulation is Rotation for Decubitus and Wall.

*** Tube Rotation is Turning about the Vertical Column.

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P500D NON-TILTING VERT WS

Non-Tilting Vertical Bucky Stand with Grid. Includes:

- SG-80 Select Right or Left
- Bucky
- CSS Tray
- Ion Chamber
- 130 cm/ 52 Inch Grid
- 10:1 36 Lines/cm
- Carbon Fiber Skins
- 130 cm/52 Inch Focus.
- Useful Range 101 cm - 190 cm

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PATIENT SUPPORT (SG80 KIT INCLUDING LATERAL BAR, HAND GRIPS AND SPACER KIT)

Patient Support for the SG80 Wallstand

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TIMS 2000 SP

TIMS 2000 SP DICOM Systems for Precision 500D

For all analog and DICOM medical modalities:

- Static and streaming capture; scanner input
- DICOM send and receive
- Convert JPG, BMP, PNG and AVI files to DICOM
- DICOM and Windows print
- CD/DVD/USB burning
- Small footprint computer with CD/DVD-RW
- Foresight Imaging video capture hardware
- LCD touchscreen monitor
- Wall plate for video and trigger signals connection
- Isolator for video and trigger signals between Precision 500D and TIMS 2000 systems
- Audio synchronization to record and review synced audio with high-resolution video

25 KAIC X-Ray Main Disconnect Panel 80 Amp, 480 V / 208 V

25 KAIC X-Ray Main Disconnect Panel 80 Amp, 480 V / 208 V

FEATURES/BENEFITS

- Serves as the main power disconnect between the X-Ray system and the facility 480V or 208V power source
- Provides emergency shut down, undervoltage protection and overcurrent protection for the X-Ray power distribution cabinet
- Standardized design provides a platform for future upgrades of the system
- Offers a number of advantages by combining a variety of individual components into a single pre-engineered and factory tested panel
- UL and cUL listed for compliance with NEC Article 100 and Article 110-3
- Remote emergency off pushbutton located by X-Ray control provides immediate shut down of the entire system to comply with NEC required disconnecting means
- Surface or semi-flush mounting

SPECIFICATIONS

- Dimensions (H x W x D): 48" x 20" x 6.68"

- Weight: 80 lbs.
- Mounting: via keyhole slots; Width is 16" on centers, Height is 45.5" on centers

COMPATIBILITY

- GE Three Phase X-Ray generators

NOTES:

- Customer is responsible for rigging and arranging for installation with a certified electrician
- ITEM IS NON-RETURNABLE AND NON-REFUNDABLE

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X-ray TiP Training, 2 Consecutive Days Onsite

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Two Day X-ray Onsite Training provided from 8AM to 5PM, Monday through Friday.

Includes T&L expenses. Days provided consecutively.

This training program must be scheduled and completed within 12 months after the date of product delivery.

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System/IUI Cable Select

Console IUI Cable Select

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System/Monitor Cable Select

Monitor Cable Select

18	1	System/Table Cable Select Table Cable Select
19	1	Cable Select Positioner Cable Select
20	1	System/Table Cable Select System/Table Cable Select
21	1	Wall Stand Cable Select Wall Stand Cable Select
	1	Non-GE KM Detectors
22	1	AERODR 1417PREMIUM FIX ST 8001130-Aero DR 14x17 XE Package (Does not include tube gauze, motion blue/lung or study combine S/W DUK for Fixed Room With 14x17Premium Detector <ul style="list-style-type: none"> • AeroDR Premium 1417HQ Y • AeroDR Interface Unit2 • AeroDR Battery Charger II • 8 Port Unmngd Gigabit PoE Switch • Wireless Access Point HP • AeroDR S-SRM Kit • CS-7 Std Package for FIX • 19" Monitor for CS-7 DR • CS-7 Workstation DR • CS7 Operation Manual • CS7 User Tool Manual • CS7 Quick Sheet
23	1	AeroDR S-SRM Cable for Precision 500D Equivalent to 8001301-AeroDR S-SRM Gen Conn Kit AeroDR S-SRM Cable for Precision 500D
24	1	AERODR CS-7 DATA ANALYSIS

		8001726 DR-CS7 Dept Data Analysis Lic DR
		This license analyzes and gives statistical data images taken. As a result, it provides a clear overview of quantity and reasons of non-exploitable images : too low dose level, patient motion, etc
25	1	AERODR CS-7 TUBE GAUZ SW
		8001761 CS-7 Tube-Gauze Enhance SW Lic
		This software enhances the image contrast to better visualize some elements, such as tubes, drains and catheters.
26	1	SIMPLECHECK QC PACKAGE_IN
		8001749 CS-7 SimpleCheck QC Pkg

Options

27	1	80kW High-Frequency Generator
		The Precision 500D Features a High-Frequency 80kW Generator Integrated into a single space savings cabinet.
		<ul style="list-style-type: none"> • Computer Controlled System Manager and Control Modules for R&F applications • Built in System Distribution Power Module and Circuit Breaker for single point power feed to

room subsystems and "Brown Out" protection

- Millisecond Interrogation and Termination
- Specs
 - 1000 mA at 80 kVp
 - 800 mA at 100 kVp
 - 640 mA at 125 kVp
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The Following Subsystems are supplied via UPS power:

- Integrated Console
- Digital System

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(Quoted prices do not reflect state and local taxes if applicable. Total Net Selling Price Includes Trade In allowance, if applicable.)