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BLDG 14
SPOKANE, WA 99205-6197

TRADE-IN HOLOGIC
MODEL: RADEX
SN#: DR3008
EE#: 14080
YEAR: 2001

PO#: 668-B20058

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Part Number	Description
	RadPRO UR-1++ Universal Radiographic System with Canon CXDI-401C Digital Detector
	RadPRO 64kW 3-Phase 480V Integrated DR Generator <ul style="list-style-type: none">- High Frequency, 1 Tube Operation.- High Speed Starter- Microprocessor Controlled- Auto diagnostic System- Tube overload protection continuously monitoring of the remaining X-Ray Tube Heat Units- Control of X-ray Tube Number of Exposures up to 999,999 exposures.- Anatomical Program Console- Power 64 kW.- kVp Range from 40 kVp to 150 kVp in 1 kVp Steps.- mA Range from Minimum 10 mA to Maximum 640 mA. 19 mA Stations. Renard Scale : 10, 12.5, 16, 20, 25, 32, 40, 50, 64, 80, 100, 125, 160, 200, 250, 320, 400, 500, 650 mA.- Time range from 1 ms. to 10 sec. 41 Time Stations. Renard Scale- mAs range from 0.1 mAs to 500 mAs. 38 mAs Station. Renard Scale- Up to Two Buckles.- User Friendly Control Panel with Digital Displays for kVp, mA, time and mAs.- PREP/EXPOSURE X-ray Hand-Switch- Automatic Exposure Control + AEC Adaption Module- Canon-Link Interface for integrated single-console system RadPRO UR-1++ Auto-Positioning Universal Radiographic System prepared for CXDI-401 Series Detectors <ul style="list-style-type: none">- APR-Based Auto-Positioning System (wall attachment)- Touch-Screen Controls for Adjustment of Generator Parameters and Auto-Positioning Programs

Qty	Part Number	Description
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- Touch-Screen Indication of Patient Name and Study Selected
- Variable Focal To Image Distance Movement Fully Motorized with Automatic Detents at SID Distances of 40" and 72"
- Rotation of the Arm +120°, -30°
- Flat Panel Angulations ±45°
- Motorized Detector Movement ±45°
- Motorized Vertical Movement with Automatic Detents at the Exact Table Top Height
- Single Button Movements for 40" Undertable to 72" Cross-Table
- Fully Motorized Rotating Movement
- Maximum Focal Distance to Floor 78.75" (200cm)
- Minimum Focal Distance to Floor 17.7" (45cm)
- Intelligent Anti-Collision System which Automatically Moves Backwards When Entering in Contact with any Object and Actuating in any Position of the Arm, Flat Panel Detector or X-Ray Tube and Collimator Assembly.

Buck Boost Transformer to take 208/220 to 240V Voltage

Adapting Kit for Canon CXDI-40EG/EC Series Detectors

Manual Collimator with Laser Light

30' High Voltage Cable with Covers

400KHU X-Ray Tube, 0.6 - 1.2 Focal Spot, 4" Anode Diameter

Infrared Remote Control

Three Field Ion Chambers with 45 Foot Cables

Programmable Automatic Collimation in lieu of Manual Collimation, please add:

Control Station Bundle

Control Station for Canon Control Software NE - Room PC

PC Specifications:

- Intel Core 2 Quad Core CPU
- 4 GB High-Speed RAM
- 500 GB SATA Hard Drive
- DVD/RW Burner (SATA)
- Microsoft Windows 7 64-Bit Operating System
- Optical Mouse
- Full Size Keyboard

20.1" Medical Grade Touchscreen LCD Monitor (Exam Room)

Canon Control Software NE

Control Software NE Features:

System Startup & Quality Assurance

- Standard Mode: No log-in required
- Secure Mode: Operator log-in/password required (user authentication); auto time-out with log-in to last screen viewed
- Warm-up time: None
- Battery/Wi-Fi Monitor. Software to allow wi-fi strength monitor and battery monitor for CXDI-70C Wireless configurations.
- Calibration Routine: Included; required once per year; configurable on-screen reminder message
- Display QA: SMPTE pattern included

Image Acquisition

- Programming: Unlimited anatomically programmed acquisition settings; user customizable to include annotation, orientation, patient demographics display location, and pre-selected basic and enhancement processing
- Reject/Retake: Reject, Retake, Un-Reject; Reject reason labeling with free or pre-set annotation; Reject log (.csv monthly file accessible to system administrator for rolling 12 months)
- Grid Suppression: Software-based grid suppression
- Protocol Pre-Pack: Allows for multiple APR views to be associated into one APR for easy grouping of views within a study.
- Auto-Stitch (v1.2): Multiple images can be stitched together within the software.

Image Processing

- Basic Processing: Histogram analysis by automatic fixed region ROI or user adjustable ROI; grayscale conversion; adjustable brightness and contrast; 6 pre-set contrast enhancement curves; collimation edge detection and (black) masking with adjustable standoff; trim positioning and adjustment
- MTF Improvement: Preset and user-selectable/adjustable anatomical region-based filters, intensity levels
- Standard Processing: Preset and user-selectable/adjustable DEP (dynamic range adjustment), edge enhancement, noise reduction
- Preset and adjustable multi-frequency dynamic range adjustment; global edge enhancement
- Preset and user-selectable/adjustable dynamic range adjustment; noise reduction, local edge enhancement
- Security advancements allow for only select users to access full image processing protocols.

Qty	Part Number	Description
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Data Output and Network Connection

- DICOM Print Format: Multi-format, user selectable pre-exposure and post-exposure formatting; selectable printing method (fixed ratio, life size, reduction, fit to film); queue viewable with priority and cancel capabilities; up to 2 DICOM printers may be specified at any one time, up to 4 DICOM printers may be configured
- Study transmission: Selectable modes - after each image, after study end, post-study retrieval with resend individual or all image capabilities; queue viewable with priority and cancel capabilities; up to 2 storage devices may be specified at any one time, up to 4 storage devices may be configured
- CD Archive: Available as network selectable storage device with DICOMDIR (hardware not included)
- Network: Ethernet 10/100/1000 Base T, RJ45 standard
- Data Output: DX; DICOM 3.0 compliant, Print Management Service Class (SCU), Storage Service Class (SCU) and others
- IHE Profiles: Basic Security Profile option - User Authentication, Audit Log, Time Synchronization, Node Authentication

DICOM Modality Worklist for Canon CXDI Digital Radiography systems is a communications module for acquiring patient information and exam requirements from the HIS / RIS. The following features are available in this module:

Study Information Acquisition

- Study is configurable to include a wide variety of patient information such as name, sex, birth date, age, patient ID, accession number(s), referring physician, etc.
- Find Mode is available and conforms to Modality Worklist SOP Class (MWL).
- Patient information can be entered manually if the patient does not appear on the worklist.
- When used with a portable imaging unit, the worklist can be downloaded and stored in the control computer eliminating the need for network access at the patient's bedside. A barcode reader (not included) can be used to find and select the patient from the worklist.

Study Status Notification

- Supports Modality Performed Procedure Step SOP Class (PPS) with in progress, completed, or discontinued messages.
- PPS is available for both suite and portable imaging
- Multi-accession imaging

Imaging Modes

- Manual imaging mode allows the user to individually select each view to be acquired
- Program imaging mode uses the study information sent by the HIS / RIS to pre-configure the exam(s) to be performed
 - Images can be acquired in any order
 - Additional views can added at any point in the exam
 - The study can be ended without completing all views
 - 100 views can be acquired for a single patient
 - Exams and views can be customized to meet the needs of the facility
 - * Requires Program Imaging Mode Set Up and Implementation Fee

Optional DICOM tags can be defined, displayed, printed, and transmitted to PACS.

Pregnancy Status can be received from HIS / RIS and an alert displayed to inform the user of the pregnancy status.

Storage Commit function is available.

Canon CXDI-401C Full-Field Fixed Digital Detector

- 16.8" x 16.3" Imaging Area (42.6 cm x 41.5 cm)
- High Sensitivity a-Si Sensor with Cesium Iodide Scintillator
- 125 Micron Pixel Pitch
- 11.3 Megapixel (3408 x 3320) Resolution
- Preview Image in 3-5 Seconds
- Outside Dimension: 21.6" x 21.6" x 2.3" (550 x 550 x 59mm)

Power Box PB-6 for CXDI-401 Series Detectors

Canon CXDI-70C Wireless Digital Detector

The Canon CXDI-70C Wireless portable, lightweight DR system provides super high resolution, high quality, filmless image capture for a broad range of radiographic applications, including trauma, ICU and bedside exams. The CXDI-70C Wireless is an ISO 4090 compliant cassette size detector that can fit into existing bucky trays, or in new equipment trays with ease. Offering high-quality diagnostic images efficiently with minimal X-ray exposure to patients the CXDI-70C Wireless is ideal for all radiographic use, especially pediatric. This portable DR system consists of a Canon Amorphous Silicon (a-Si) Flat Panel Detector and a Cesium Iodide (CsI) scintillator, allowing for extremely effective X-ray absorption and high signal-to-noise performance. The large 14-inch x 17-inch imaging area and portable design - just over a half-inch thick (0.6 inches) and weighing only 7.5 lbs - allow the CXDI-70C Wireless to be especially useful with patients who have limited mobility and for capturing images at angles that are difficult to set with fixed devices.

Includes:

- 1 - CXDI-70C Wireless imaging unit
- 1 - Operation manual
- 2 - Battery Packs

Qty	Part Number	Description	Unit List	Ext. List	Unit Net I Ext. Net
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Features and Specifications:

Detector

- Scintillator: Cesium Iodide
- Pixel Pitch: 125 microns
- Pixels: 2,800 x 3,408 (9.5 million)
- Imaging Area: 14 inches x 17 inches (35 cm x 43 cm)
- Battery Performance: 140 images (@100 sec cycle, 1 sec sleep)
- Wireless Standard: IEEE 802.11 N (2.4/5.0 GHz)

Image Acquisition

- ND: 14 bit
- Grayscale: 12 bit (4,096 gradations)
- Preview Image: 3-5 seconds

Electrical and Environmental

- Voltage: 100V, 120V, 230/240V (50/60Hz)
- Power Consumption: 170VA maximum (Detector unit only)
- Operating Environment: 41-95°F (5-35°C), 30-50% RH (non-condensing)

Physical Characteristics

- Dimensions (WxLxH): 15 inches x 18 inches x 0.6 inch (384 x 460 x 15 mm)
- Weight: 7.5 lbs. (3.4 kg)

X-Ray Interface Unit

Battery Charging Unit

Single Battery Pack

Wireless Access Point

70C Wireless Snap-on 14 x 17, 6:1, 132Ipi, 40-72 SHORT DIMENSION CARBON COVER Lightweight Protect-A-Grid

14 X 17 Protect-A-Grid II Drop on Surgical Solution with Calibrated Ruler and 8:1, 132 Ipi, 34-44 Carbon Covered Grid

CXDI-70C Mobile DR Panel Holder

Featuring a handle and a positive lock, this item offers additional drop protection and allows the radiographer to easily carry the 70C from room to room.

Product Advantages Lightweight plastic

- Ergonomic handle
- Double positive lock
- Drop protection
- Cable management
- Smooth non-porous surface
- Curved corners

Specifications: - H 18.5", W 18.5", D 1"

Power Supply for Wireless Access Point

Infrared Check-In Unit

Gigabit Ethernet Switch

Wall Mount Power Supply Bracket

(2) APC Back-UPS ES 550 UPS - 330Watt -550VA

The Back-UPS ES offers affordable battery backup and surge protection for computers. With enough power outlets to protect your entire system, built-in phone/fax/modem line (DSL compatible) protection and easy-to-install safe system shutdown software all make this power protection solution the best value for computers.

Main Features:

- UPS (external)
- AC 120 V
- 330 Watt
- 550 VA
- 8 output connector(s)

Bucky Grid - Carbon Fiber; 10:1 52 lines/cm or 132 LPI, 180cm, 17 1/4 x 18/7/8

Qty	Part Number	Description
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10:1, 110cm Focus, 132 Line Carbon Fiber Grid for CXDI-401G/C

External Dose area meter VacuDAP 2004

Applications Training - Three (3) Days Technologist Training

- Please note that as part of contract, Two (2) days applications training are included at no charge. Additional days of applications training are at \$1,500 per day. A total of Three (3) days applications training under the agreement is \$1,500.

- Continuing Education Credits
- Standard User - Up to 2 credits - Category A
- Super User - Up to 3 Credits - Category A
- Applications must be scheduled within 12 months of installation.

Includes Standard Installation

Includes standard installation, M-F 8am-5pm.

CANON BIO-MED **Canon BIOMED Engineer Training (facility staff) for Canon NE Software**

- 5 day training class
- Price is per person for training and materials only, all other expenses are at customers expense (room, board, transportation not included)

RADPRO BIO-MED **RadPro BIOMED Engineer Training (facility staff)**

- 5 day training class
- Price is per person for training and materials only, all other expenses are at customer's expense (room, board, transportation not included)

WARRANTY **Warranty - One (1) Year Parts and Labor on RadPro Radiographic System. One (1) Year Pro-rated Warranty on Glassware and batteries, where applicable.**

- Does not include any damages from misuse, abuse, tampering or acts of God.

Deinstallation and removal of existing equipment is included at no charge.