

DESCRIPTION

**SHIMADZU RadSpeed  
Auto Radiographic System  
"Auto 80kW DR(CXDI-70C/401C)"  
System Configuration A80-2W**

**BK-200 RadSpeed Elevating Radiographic Table**

- Horizontal, elevating radiographic table
- Vertical table Travel:
  - From 54 cm to 85 cm (21.25" to 33.5")
- 4-way floating top
  - From 115 cm longitudinal Travel, and +/-12.5 cm transverse
  - Flat table top construction
  - Maximum patient load of 295 kg (650 lbs)
- 200/(208)/220/230/240V 1 KVA Single-phase incoming line
- Permanent Electromagnetic locks; Locked without power.
- Table Top Collision Protection Sensor
- Small pedestal footprint
- Standard Aluminum Grid (10:1 Ratio; 40 lines / cm; 40" focal distance)
- Convenient and safe foot controls for elevation and locks
- Designed to meet UL
- Bucky Travel 40 cm
- Bucky with Photo timer; 3 field
- Bucky tray accepts cassettes up to 14" by 17"
  
- Table Locking Grip Switch
- Table Rear Foot Switch Control
- Lateral Cassette Holder

**UD150B-40 RadSpeed 80kW Generator**

- Three Phase High Frequency inverter,
- 80 kW Rating, Three Phase
- 380/400/415/440/480 VAC 3 Phase input power 75 KVA
- Color LCD Touch Screen Display
- Large Readout for Ease of Viewing
- Jog Dials for Manual Selection
- Up / Down Buttons for Fine Manual Selection
- KV mA, mAs and time adjusted with both up / down or dial
- Easy View "Ready-Up" and Exposure Status Lamps on Generator and Handswitch
- Micro Processor Controlled
- Automatic Exposure Control
- kV Range: 40-150 kV in 1kV increments

|  | DESCRIPTION   |  |  |
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|  | <ul style="list-style-type: none"> <li>• mA Range: 10-1000 mA (12 presets per Focal Spot)</li> <li>• mAs: .5-800 mAs; 500 mAs max with AEC</li> <li>• Time Settings: 0.001 – 10 seconds</li> <li>• Anatomical Programmed Radiography (APR)</li> <li>• High Speed Starter</li> <li>• Self Diagnostic function with display of error codes</li> <li>• Wall Mounting Bracket</li> </ul> <p><b>CH-200 RadSpeed Ceiling Tube Mount (Front Mount)</b></p> <ul style="list-style-type: none"> <li>• 200/(208)/220/230/240V 1 kVA Single-phase incoming line</li> <li>• Color Touch Screen control panel</li> <li>• Color LCD Touch Screen rotates automatically with tube rotation</li> <li>• Eight programmable switches for locks (user customizable)</li> <li>• Anatomical Programmed Radiography (APR) control at tableside</li> <li>• Easy-to-clean surfaces</li> <li>• Positive touch release operation handles for quick positioning</li> <li>• One-button full-way motion release</li> <li>• 3 way lock release, Vertical lock Release and collimator light switches on Rear of Tube Suspension</li> <li>• Spring balanced for easy movement</li> <li>• Reliable locking system allows any angulation to be held in position</li> <li>• Pop-up information message window on Display.</li> <li>• Over Table X-Ray Tube; 400 KHU; (12 degree, 0.6 X 1.2 Focal)</li> <li>• Semi-Automatic Collimation System</li> <li>• Vertical Travel – 160 cm (5' 3")</li> <li>• 4.0 Meter Ceiling Rails</li> <li>• Longitudinal rails 4.0 meters (13 ft. 1 inch)</li> <li>• Longitudinal Travel – 295 cm (9 ft. 8 inch) (286 cm w / Tomo)</li> <li>• Transverse Rails –260 cm (8'6")</li> <li>• Transverse Travel –200 cm (6'7")</li> </ul> <p><b>BR-120 RadSpeed Wall Bucky Stand</b></p> <ul style="list-style-type: none"> <li>• Extensive Vertical Travel to accommodate all patient ranges and studies</li> <li>• Vertical travel: from 62.7 cm to 214.7 cm (24.68 to 84.5 inch)</li> <li>• Automatic Collimation</li> <li>• Remote collimation control option allows the operator</li> </ul> |  |  |

- mA Range: 10-1000 mA (12 presets per Focal Spot)
- mAs: .5-800 mAs; 500 mAs max with AEC
- Time Settings: 0.001 – 10 seconds
- Anatomical Programmed Radiography (APR)
- High Speed Starter
- Self Diagnostic function with display of error codes
- Wall Mounting Bracket

**CH-200 RadSpeed Ceiling Tube Mount (Front Mount)**

- 200/(208)/220/230/240V 1 kVA Single-phase incoming line
- Color Touch Screen control panel
- Color LCD Touch Screen rotates automatically with tube rotation
- Eight programmable switches for locks (user customizable)
- Anatomical Programmed Radiography (APR) control at tableside
- Easy-to-clean surfaces
- Positive touch release operation handles for quick positioning
- One-button full-way motion release
- 3 way lock release, Vertical lock Release and collimator light switches on Rear of Tube Suspension
- Spring balanced for easy movement
- Reliable locking system allows any angulation to be held in position
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- Transverse Rails –260 cm (8'6")
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**BR-120 RadSpeed Wall Bucky Stand**

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- Vertical travel: from 62.7 cm to 214.7 cm (24.68 to 84.5 inch)
- Automatic Collimation
- Remote collimation control option allows the operator

DESCRIPTION

- controlling the x-ray field from the patient side
- Three-Field AEC Sensor System
- Standard Aluminum Grid; 10:1, 40 line/cm, 48-72" focal distance
- Wall Stand Mounting Bracket
- Frontal Handgrip
- Overhang Handgrip

**R-300 Auto Size Sensing Collimator with Auto Filtering**

Dose Management:

- Auto filtering
- **Patient Safety:**
- Shock proof by cushion rubber
- **Ease of Use:**
- Smooth manual collimation
- **Laser Line Marker**
- **Detent Assy for Click Stop**
- **Auto field size selection**
- **Mount Kit for S-Dongle**
- **VacuDAP Dose Area Meter VacuDAP2004 OEM (for Rad)**
- DAP Mounting Kit (UL, VAC)

CANON CXDI-70C Wireless DR System

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

|  | DESCRIPTION   |  |  |
|--|---|--|--|
|  | <p>1 - Operation manual<br/>2 - Battery Packs</p> <p>Features and Specifications:</p> <p>Detector</p> <ul style="list-style-type: none"> <li>- Scintillator: Cesium Iodide</li> <li>- Pixel Pitch: 125 microns</li> <li>- Pixels: 2,800 x 3,408 (9.5 million)</li> <li>- Imaging Area: 14 inches x 17 inches (35 cm x 43 cm)</li> <li>- Battery Performance: 140 images (@100 sec cycle, 1 sec sleep)</li> <li>- Wireless Standard: IEEE 802.11N (2.4/5.0 GHz)</li> </ul> <p>Image Acquisition</p> <ul style="list-style-type: none"> <li>- A/D: 14 bit</li> <li>- Grayscale: 12 bit (4,096 gradations)</li> <li>- Preview Image: 3-5 seconds</li> </ul> <p>Electrical and Environmental</p> <ul style="list-style-type: none"> <li>- Voltage: 100V, 120V, 230/240V (50/60Hz)</li> <li>- Power Consumption: 170VA maximum (Detector unit only)</li> <li>- Operating Environment: 41-95°F (5-35°C), 30-50% RH (non-condensing)</li> </ul> <p>Physical Characteristics</p> <ul style="list-style-type: none"> <li>- Dimensions (WxLxH): 15 inches x 18 inches x 0.6 inch (384 x 460 x 15 mm)</li> <li>- Weight: 7.5 lbs. (3.4 kg)</li> </ul> <p><b>Grid Cap 70C ; 130cm, 6:1, 52lpc, AL Spacer, Horizontal lines</b></p> <p><b>CXDI-70C DR Panel Holder</b></p> <p><b>Weight Bearing Encasement for Standing Feet Procedures</b><br/>The 70C DRP Weight Distribution Cap evenly distributes the patient's weight away from the sensitive DR panel.</p> <p>Product Advantages</p> <ul style="list-style-type: none"> <li>• Drop-On application</li> <li>• Slip-resistant</li> <li>• Lightweight</li> <li>• Durable</li> <li>• Rated up to 750lbs</li> <li>• User friendly</li> </ul> |  |  |

DESCRIPTION

**17x17 DR in Wallstand (BR-120)**

**Canon CXDI-401C COMPACT Full-Field Fixed Digital Detector**

- Designed to fit inside of standard bucky tray
- 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: 18.1" x 18.1" x 0.6" (460 x 460 x 15mm)

**12 Month Warranty**

**Applications**

**Installation**

**Total Government Contract Price:**

Trade In of Existing PHILIPS Room and Fuji System

**Engineer Training for 1 VA/DOD employees on Radspeed DR:**

1 Week RadSpeed Mechanical Training

1 Week CXDI 70C Training

Travel, airfare, Hotel, food per diem prepay for 1 VA/DOD Engineers

Site Preparation /Renovations for room 134-5 & Control Room

**Includes:**

**Two sets Operators Manuals**

**Two Sets Service Manuals**

**On Site Applications Training**