



RadPRO® SOLEGRA™ 500

UNIVERSAL RF SYSTEM



Screens are simulated

Shown with optional in-room console and monitors

RadPRO® Solegra™ 500 Universal RF System

Reduce Fluoro to Rad transfer time with this highly versatile imaging solution. It accommodates most patients and provides exceptional image quality for both fluoroscopy and static examinations. It also offers a removable digital detector, making it a cost-effective solution for high-volume facilities.

- Equipped with the Canon CXDI-50RF Dynamic/Static Digital Radiography System
- Comes standard with auto stitching capability (up to 4 images)
- Control console seamlessly acquires fluoroscopic and radiographic images with a simple touch of a button
- Table movements, settings, and parameters can be administered with the single-touch, remote-controlled user interface, helping to reduce exam prep time
- Table positioning allows for easy patient transfer and access for patients with limited mobility
- Dose Reporting integrated within DICOM® header (standard on CXDI Control Software NE*)
- Removable grid

* Included with the CXDI detector

QUICK SPECS

600 kHU high capacity
(eff. cooling rate 1.0mHU)

Table weight limits up to 685 lbs Static

Selectable SID from 43 in to 72 in

Pulsed fluoroscopy up to 30 frames per second

Image acquisition in approx. 3-5 seconds after X-ray exposure for radiography

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X-RAY GENERATOR

- Anatomic programs
- Canon console on foot stand integrated w/generator console
- Automatic mains voltage compensation +/-10%
- Tube overload protection software

Type	Microprocessor controlled high frequency power
Power	65kW
kV range fluoroscopy	40-120 kV
kV range radiography	40-150 kV
mA range radiography	10-650 mA
Exposure Time	1 ms to 10 sec

X-RAY TUBE & COLLIMATOR

X-RAY TUBE

- 600 kHU high capacity (eff. cooling rate 1.0mHU)
- 0.6 mm/1.2 mm focal spot
- 12.5° target angle
- 150 kV
- Low speed 26/63 kW
- High speed 40/100 kW
- 800 kHU (optional)

COLLIMATOR

- Automatic
- Automatic shutters
- DAP integration

CXDI-50RF DIGITAL RADIOGRAPHIC SYSTEM

Application	General radiography and fluoroscopy
Technology	Flat panel detector: scintillator & amorphous silicon (a-Si)
Sensor	LANMIT (Large Area New-MIS sensor and TFT)
Scintillator	Cesium Iodide (CsI: TI)
Effective Imaging Area	Up to 14 in x 17 in
Resolution	3.2 lp/mm
Pixel Pitch	160 x 160 microns
Pixels	2,208 x 2,688 pixels (approx. 5.9 million pixels)
Image Size	Automatic sizing up to 14 in x 17 in (35 cm x 43 cm)
Binning Mode	1 x 1, 2 x 2
Acquisition Mode	Up to 30 fps
Cooling	Active Air Cooling
A/D Conversion	14-bit
Grayscale	4096 grayscale (12-bit)
Preview image access time	Approx. 3-5 seconds after X-ray exposure (for radiography only)
DICOM® 3.0 Services	Storage, Print Management, Modality Worklist, Performed Procedure Steps (MPPS), C-echo, and Storage Commitment-all as SCU
Power (Voltage/Frequency)	AC 100-240V 50/60 Hz
Operating environment	Sensor unit: 41-95 ° F (5-35 ° C), 30-75% RH (non-condensing)
Dimensions (W x L x T)	Sensor unit: 19.4 in x 19.8 in x 1.0 in (493 mm x 503 mm x 26 mm)
Weight	Sensor unit w/o cable: 12.5 lbs (5.7 kg)
Standard components	Sensor unit, sensor cable, power box
Certification	UL 60601-1, IEC 60601-1-2, FDA 510(k)

VIRTUAL IMAGING

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