



RadPRO® SOLTUS® 100

MOBILE DIGITAL X-RAY SYSTEM



RadPRO® SOLTUS® 100 Mobile Digital X-Ray System

Ideal for mobile/ambulatory services, or surgery suites, the RadPRO® Soltus® 100 Mobile Digital X-Ray System folds into a compact configuration for easy transportation or storage. When in use, the unit is powered with a 20-foot line-in cable and exposures are handled by a 10-foot hand switch. Highlights like a user-friendly touch screen, manual collimator, and digital flat panel are complemented with short exposure times and the fast imaging acquisition demanded in the field.

- Mobile X-ray unit can be packed away for rapid transport to any situation requiring instant X-ray imaging
- Field deployable unit can be used by first responders and humanitarian organizations
- Compact, lightweight, and easy to maneuver
- Compatible with select wired or wireless Canon CXDI digital detectors

QUICK SPECS

- High frequency 300 kHz ripple generator
- 4.0 kW output
- Full 360° rotation of the portable in X and Y axis
- Auto generator power compensation for low input power lines

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X-RAY TUBE / PORTABLE UNIT	
Generator Frequency	High frequency 300 kHz ripple
Maximum Power	4.0 kW output
Line Compensation	Automatic Compensation from 90 to 264 VAC 50/60 Hz
Generator Power Compensation	Yes, Automatic
Self Diagnostics	Yes, with error code indication
Easy Connectivity	Line-In Cable 20 ft (6M), Handswitch Cable 10 ft (3M)
kVp Range	40 to 125 kVp, in steps of 1 kVp
mA Range	5 to 100 mA
mA Stations	5,6,4,8,10,12.5,16,20,25,32,40,50,64, 80,100
Output Power (@0.1s)	121-125 kVp@20 mA 111-120 kVp@25 mA 101-110 kVp@32 mA 100 kVp@40 mA 50 kVp@80 mA 40 kVp@100 mA
Exposure Time Range	0.001 to 10 seconds
mAs Range	0.1 to 250 mAs, in 34 steps of 25% increments
Collimator	Manual w/ Luminous indication of the field
Line Requirements	24 Amperes @ 110 VAC 12 Amperes @ 230 VAC
Fixed Anode	Dual focal
Anode Angle	12°
X-Ray Tube	Stationary Anode Dual Focal Spot
Anode Heat Storage	40,000 HU
Small Focus	.02 in (0.6 mm)
Capacity	40,000 hu
Large Focus	1.5 mm
Maximum Height (focal spot to floor)	81.5 in (207 cm)
Minimum Height (focal spot to floor)	17.5 in (445 mm)
Maximum Height of System	87.7 in (2228 cm)
Weight	81.5 kg (excluding detector)

Power Line Operation	Single-Phase, 100-240 VAC, 50/60 Hz Line voltage automatic compensation: +/-10% Power line cable of the Portable Unit: 6 m/19.68 ft Connection to standard outlets with GND that accompanies local regulations
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WIRED OPTIONS

Compatible Digital Detectors (Wireless)	Canon CXDI 501G
Grid	Yes (Optional)
Scatter Correction	Yes (Optional)

WIRELESS OPTIONS

Compatible Digital Detectors (Wireless)	Canon CXDI 701C. Standard Components: Sensor unit, Battery charger, (2) Batteries, AC/DC cable, X-ray interface unit, IR sensor unit
Wireless Standard	IEEE 802.11n
Grid	Yes (Optional)
Scatter Correction	Yes (Optional)

The RadPRO® Soltus® 100 Mobile Digital X-ray System is available with these Canon Digital Radiography Detectors:

Canon CXDI 501G Digital X-ray System (Wired)

Scintillator	GOS
Imaging area	Approximately 14 x 17 in (35 x 42.6 cm)
Pixel pitch	125m
Resolution	2800 x 3408 px
Connection	Wired
Dimensions	18.1 x 16.7 x 0.6 in (460 x 424 x 15 mm)
Weight	6.8 lbs (3 kg)
Preview image display	3 sec approximately
Full image display	5 sec approximately
Cycle time	13 sec
Composition	Flat panel digital radiography detector

Canon CXDI 701C Digital X-ray Systems (Wireless)

Scintillator	CsI
Imaging area 701C	14 x 17 in (35 x 43 cm)
Pixel pitch	125m/125m
Resolution	2800 x 3408 px/2200 x 2800 px
Battery Performance	Approx. 140 images, fully charged
Connection	IEEE 802.11n (2.4 & 5 GHz dual band)
Dimensions (W x L x H)	15.1 x 18.1 x 0.6 in (384 x 460 x 15 mm)
Weight	7.5 lbs (3.4 kg) (with battery)
Preview image display	3 sec
Full image display	5 sec
Cycle time	15 sec
Composition	2 Batteries + Charger, control PC, CXDI NE Software

VIRTUAL IMAGING

A CANON COMPANY



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