Rayence

Xmaru 1717SGC/SCC

True 17x17 Cassette Sized Flat Panel Detector

distributed by nuon™

Clear image, clear diagnosis

Xmaru 1717SGC/SCC ENVIRONMENTS

Imaging Centers | Orthopedics | Veterinary | Chiropractic

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Xmaru 1717SGC/SCC

True 17x17 Cassette Sized Flat Panel Detector

The Xmaru1717 Series gives users the opportunity to experience True Flat Panel Digital Imaging Technology without any modifications to x-ray equipment. By having the same 15 mm thickness as traditional film screen cassettes, this lightweight detector fits into existing standard cassette trays, allowing existing film or CR systems to be easily upgraded. Its advanced auto-triggering technology now eliminates the need to integrate with the x-ray generator. The Xmaru.1717 Series is a universal and economical solution designed to meet any x-ray department's needs.

Improved Workflow through Immediate Image Capture

Using the Xmaru1717 will increase workflow while minimizing labor time by avoiding additional steps that are required when using film processors or CR digitizers. Image preview time is reduced to just 3 seconds, which not only helps finalize the final body position, but it increases patient comfort by eliminating the need for them to remain in uncomfortable conditions. The instant display of images significantly increases productivity while reducing the wait time for both patients and staff.

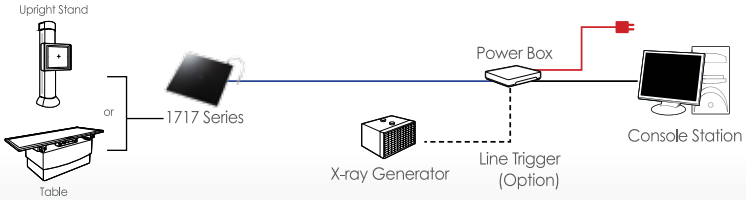
Wide Image Area, Significantly Reduced Dead Space

Unlike traditional film and CR cassette sizes (14"x17"), adopting a full field of view providing a 17" x 17" usable area gives more flexibility with positioning and allows more regions of anatomy to be acquired on one image without the need to rotate the detector. With the dead space percentage being significantly reduced, the Xmaru 1717 leads to optimized efficiency without any wasted image area.

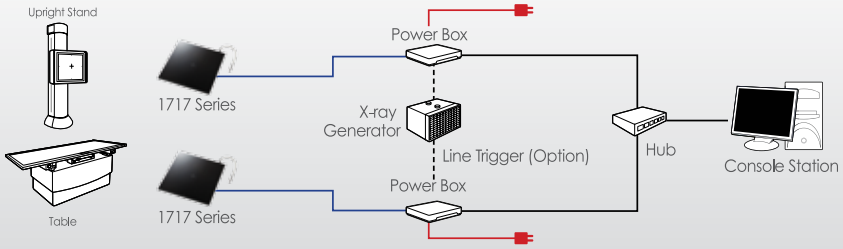
Specification	Xmaru1717SGC	Xmaru1717SCC
Detection Area:	17 x 17 in	17 x 17 in
Dimensions (W x L x H):	460 x 460 x 15.5 mm	460 x 460 x 15.5 mm
Active Area:	423 x 423 mm	423 x 423 mm
Sensor Type:	Amorphous Silicon with TFT	Amorphous Silicon with TFT
Scintillator:	Gadolinium Oxysulfide (Gadox)	Cesium-Iodide (Cesium)
Pixel matrix:	3328 × 3328	3328 × 3328
Pixel pitch:	127 µm	127 µm
A/D conversion:	14-bit	14-bit
Resolution:	Max. 3.9 lp/mm	Max. 3.9 lp/mm
Energy range:	40 ~ 150 kVp	40 ~ 150 kVp
Data output:	Ethernet 1 Gbps	Ethernet 1 Gbps
Operation environment:	Temperature +10 ~ +40°C Humidity 20 ~ 75 % Pressure 70 ~ 106 kPa	Temperature +10 ~ +40°C Humidity 20 ~ 75 % Pressure 70 ~ 106 kPa
Weight:	4.2 kg (9.25 lbs)	4.4 kg (9.70 lbs)
Manufactured:	Rayence	Rayence

DR Configurations

Configuration 1



Configuration 2



Dealer Information:

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