

rayence

DR CHIROPRACTIC SOLUTIONS



*DR Chiropractic X-Ray Room
fits 6' W x 9.5' L x 8' H*



*1717SCC Tethered Flat
Panel Detector*



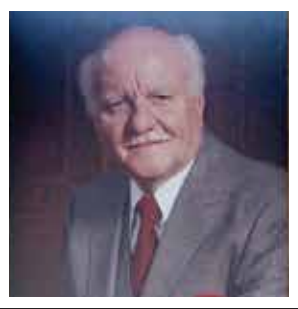
*Rayence Xmaru
Chiropractic Software*

DCX

Digital Chiropractic X-Ray



*excludes tube - one year



Kenneth E. Yochum, DC

Dr. Kenneth E. Yochum was a native of South St. Louis, MO where he practiced chiropractic for 45 years. He was a certified instructor in the NIMMO Receptor Tonus technique and taught with the inventor Dr. Raymond Nimmo. He was a 1936 graduate of the Missouri Chiropractic College and became an adopted alumnus of the Logan College of Chiropractic when his school closed.



**Terry R. Yochum, DC,
DACBR, Fellow, ACCR,
FICC**

Dr. Terry R. Yochum is a second-generation chiropractor and a cum laude graduate of the National College of Chiropractic, where he subsequently completed his radiology specialty. Dr. Terry R. Yochum is currently Director of the Rocky Mountain Chiropractic Radiological Center in Denver, Colorado, and an Adjunct Professor of Radiology at the Southern California University of Health Sciences (formerly LACC) and the University of Colorado School of Medicine.



**Alicia M. Yochum RN, DC,
DACBR, RMSK**

Dr. Alicia M. Yochum received her Bachelor of Science in Nursing from Point Loma Nazarene University and then worked in the ICU for one year before matriculating to Logan College of Chiropractic. She completed her diagnostic imaging residency at Logan in 2015, and received her DACBR in October of 2015, becoming the first second-generation DACBR in the history of chiropractic. She has completed a fellowship in musculoskeletal diagnostic ultrasound at Logan University.



Raising the Bar for Chiropractic Care

The Rayence DCX, chiropractic room, effectively combines flexibility, efficiency and affordability. The system will instantly improve patient workflow by eliminating the use of computed radiography (CR) cassettes and developing conventional x-ray film. Instead, Rayence DCX is powered by the Rayence Cesium, 1717SCC fixed detector, system giving technologists access to high resolution digital imaging and image processing capabilities. The Rayence DCX features a floor to wall or floor to ceiling tube stand and a compact wall stand, the system delivers extensive vertical travel allowing for a full range of upright positions. The tube stand features electromagnetic brakes and a fixed positioned tube arm for easy and accurate positioning to the wall stand (SID 40 to 72 inches). Lastly, the complete system comes with Rayence's latest ClearON image processing and ten mini-Archive viewers, programmed with over fifty chiropractic tools.

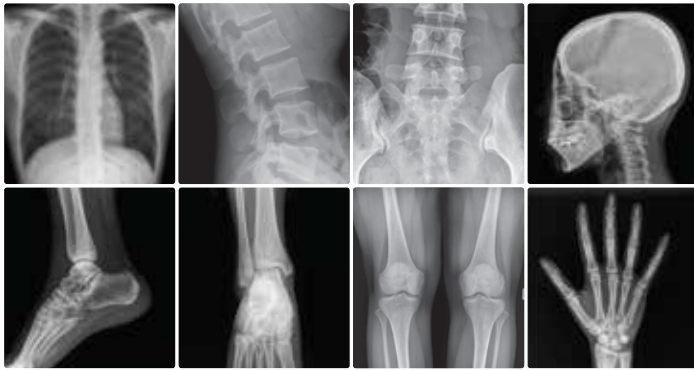
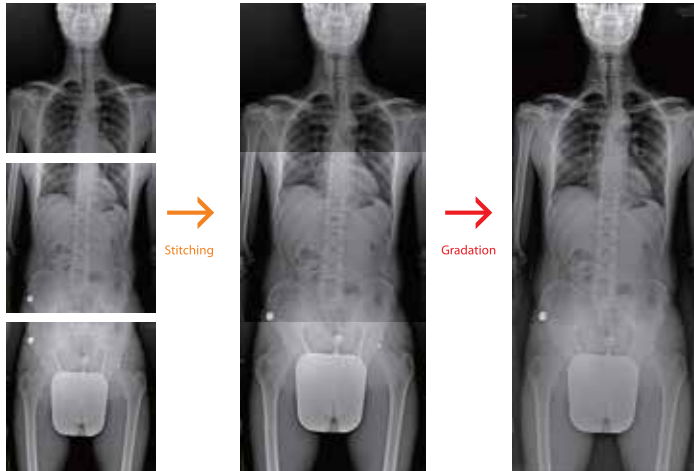


Image Processing

- Perfect Image Acquisition (No Adjustment Required)
- Integration Software for Automatic Image Optimization
- Professional Image Processing for Diagnostic Use
- Easy Observation for Bones and Microstructures
- Noise Suppression



Harmonic Stitching (optional)

Image stitching is achieved by selecting one of three methods: Full-Auto, Semi Auto or Manual. To eliminate the exposure borders of each image due to varying densities, Rayence's advanced gradation process is automatically applied.

Together with Rayence's optional automatic stitching software, up to three views can be automatically stitched at a touch of a button, making stitching examinations easier than ever to attain.

Advanced Workflow & Intutive GUI



1. Worklist



2. Edit Procedure (Graphic Mode)



3. Generator Control



4. Capture



5. Studylist



6. Viewer (Image Layout & Study Layout)

Complete Acquisition Software

- User-friendly data searching
- Fast Image Acquisition
- Image Viewing
- Reprocessing
- Optimizing and Archiving

Intutive GUI

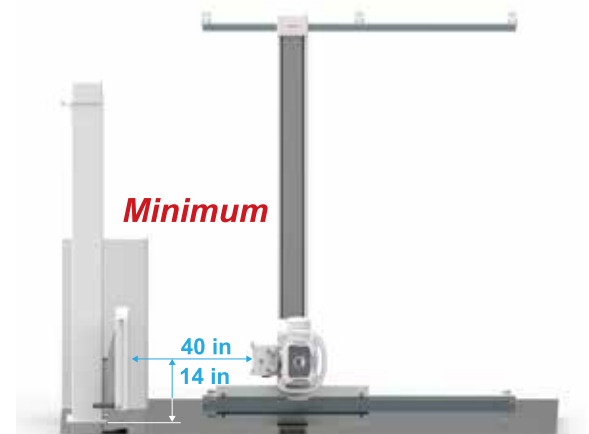
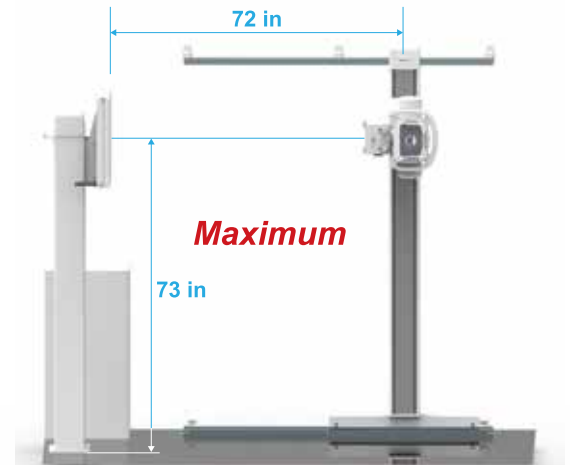
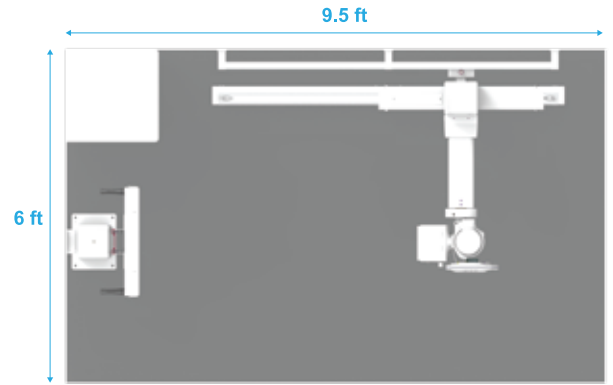
- Intuitive and Direct Graphic User Interface with X-ray Detector and Generator
- Optimized Exposure Conditions and Image Review
- Reducing Unnecessary Rework and Test

DCX

Digital Chiropractic X-Ray

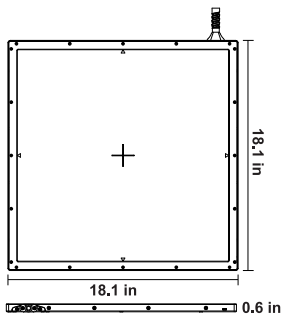


	Descriptions	Technical Specifications
Tube Stand	Min. Tube Center Height	14.0in (36cm)
	Max. Tube Center Height	75.59in (192cm)
	Floor/Wall Rail Length	72.04in (183cm)
	Floor/Ceiling Rail Length	72.04in (183cm)
	Maximum Ceiling Height	106in (269cm)
	Minimum Ceiling Height	94.5in (240cm)
	Tube Rotation	180° Tube Rotation
OP Panel	OP Panel	Analog Type
	Power Requirement	24VDC
	Wall Stand	Wall Stand Height
Wall Stand	Detector Bucky Height	23.38in (59.4cm)
	Vertical Travel Range	57.87in (147cm)
	Wall Stand Width (With Detector)	23.25in (59cm)
	Wall Stand Depth (With Detector)	13in (33cm)
	Max. Bucky Center Height	73.22in (186cm)
	Min. Bucky Center Height	14in (35.6cm)
	Left- or Right-Hand Load Bucky	Yes
	Bucky Type	DR/Analog
	Power Requirements	24VDC
	Tube & Tube Mount	Toshiba E7239FX
Grid	Analog Grid	103 LP, 10:1, 18in X 18in (43cm X 43cm)
Collimator	Collimator	M-38 LED
Detector	1717SCC	17in x 17in (43cm X 43cm)
Generator	Generator	40kW, 1 Phase
		10 - 500ma
		220/240VAC



1717SCC

Tethered Flat Panel Detector



Rayence 1717SCC is Rayence's top cesium digital detector for today's chiropractic practices. The Rayence 1717SCC uses the latest image processing, "ClearON", giving chiropractors the first shot, their best shot. This chiropractor packages includes a mini-Archive, with advance viewers and over fifty chiropractic tools.

Descriptions	Technical Specifications	
Scintillator Type	SCC1717 : CsI:Tl	-
Dimension	18.1 x 18.1 x 0.6	in
Pixel Pitch	127	µm
Limiting Resolution	Min. 2.5 / Max. 3.57	lp / mm

Dealer Information:

rayence

