

PEDRA-17FC



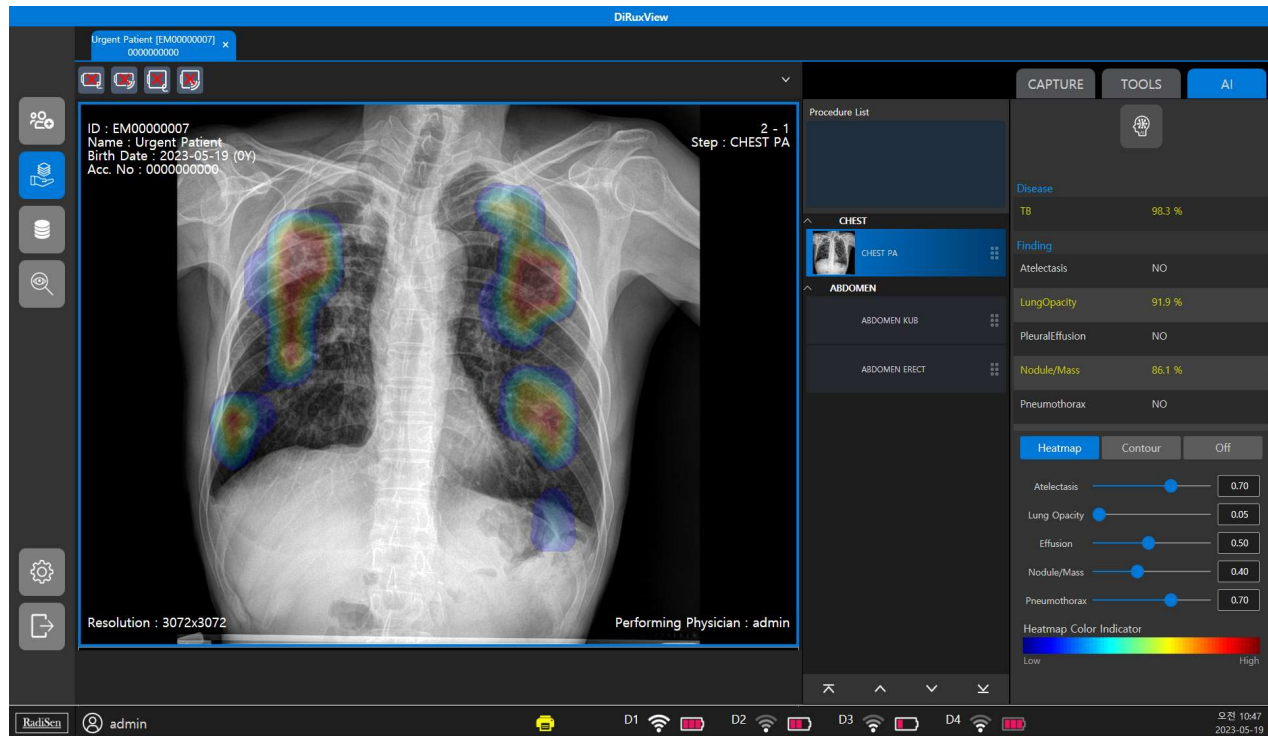
**Wide and Slim Flat Panel Detector
for Digital Radiography!**



Model & Parameters		PEDRA-17FC	
Scintillator		CsI:TI (Direct)	
Sensor	Pixel size	140um, a-Si TFT active matrix with PIN diode	
	Pixel Matrix	3072 x 3072	
	Effective Area	427.8 x 427.8 mm	
	Effective Array	3056 x 3056	
Image performance	Spatial Resolution	3.4 lp/mm	
	ADC Resolution	16 bits	
	Grayscale	65536 grayscales	
	x-ray voltage Range	40 ~ 150 Kvp	
	X-ray Generator Interface	Line Trigger(Manual)/ Auto Trigger(AED Mode)	
Mechanical	Shot Mode	Single / Multi	
	Weight	Gd ₂ O ₂ S:Tb / 3.40 Kg	CsI :TI / 3.50 kg
	Dimensions	Meet ISO4090 cassette size(460x460x15mm)	
Communications	Wired	Giga Ethernet (1000BaseT)	
	Sync. Out Port	2 port / TTL(0~5.0V)	
	Operation Software (Console S/W)	Window 7,8,10 Support for 32/64bits Windows	
	Wired	DC +15V	
Power / Environment	Environment	T(10~+40)/H(20 ~ 75%)/P(70~106KPa)	

※ Specification s are subject to change without prior notice.

- High Performance Image Acquisition Software, and it produces AI image (DICOM) which visualizes suspect lesions of abnormalities by Heatmap or Contour!



❖ Target Abnormalities

Infectious Disease	Tuberculosis [Accuracy >95%]
Lung Abnormality	Atelectasis, Lung Opacity [Consolidation, Infiltration], Pleural Effusion, Nodule/Mass, Pneumothorax [Accuracy >92%]
Cardiovascular Abnormality	Cardiothoracic Ratio & Cardiomegaly [Accuracy >92%]

- Image Viewer for PEDRA Detector series
- AXIR-CX, AI integrated [CE approved]
- High Speed & Quality Image Processing
- DICOM 3.0 Compatible
- MWL SCU, DICOM storage SCU, MPPS, DICOM Print
- Various Image Processing Tools (WW/WL, Ruler, Allow, TXT, Scop, Pan, Rotate, Zoom, Etc.)