

AcquiDR

Digital Imaging System

Discover Your Perfect Match



Exceptional Image Quality for Your Digital Radiography

ACQUIDR is the digital imaging system composed of a Flat Panel Detector(FPD) and an imaging workstation with software. The digital FPD and full-feature imaging software with excellent digital image processing will meet all your needs in the diagnostic digital radiographic field.

AcquiDR

Digital Imaging System

Comprehensive Solutions for Your Needs

Mano Series | Most Affordable Ways to Upgrade to Digital Imaging

- Shock sensor records event logs in case of accidental drops with time stamp
- Lightweight design with IP56 ingress protection
- Best-in-class pixel pitch of 100 µm and optimized image quality with excellent DQE level

Model Name	Mano2530A	Mano4336A	Mano4343A
Type	Cassette / Wireless & Wired		
Size	10 X 12" (25 X 30 cm)	17 X 14" (43 X 36 cm)	17 X 17" (43 X 43 cm)
Scintillator	CsI		
DQE (@0lp/mm)	67%	73.4%	
Dust&Water-Proof	IPX5	IP56	
Weight (w/o batt.)	2.0kg	2.7kg	3.1kg
Pixel Pitch	100µm		

Model Name	Mano2530F Glass-Free	Mano4336F Glass-Free	Mano4343F Glass-Free
Type	Cassette / Wireless & Wired		
Size	10 X 12" (25 X 30 cm)	17 X 14" (43 X 36 cm)	17 X 17" (43 X 43 cm)
Scintillator	Flexible CsI		
DQE (@0lp/mm)	67%	73.4%	
Dust&Water-Proof	IP67	IP56	
Weight (w/o batt.)	1.7kg	2.4kg	2.8kg
Pixel Pitch	100µm		

Model Name	Mano4336W	Mano4343W	Mano4343T
Type	Cassette / Wireless		Cassette / Wired
Size	17 X 14" (43 X 36 cm)	17 X 17" (43 X 43 cm)	17 X 17" (43 X 43 cm)
Scintillator	CsI		
DQE (@0lp/mm)	61%	66%	65%
Dust&Water-Proof	IPX1		
Weight (w/o batt.)	3.3kg	4.3kg	4.0kg
Pixel Pitch	150µm	139µm	

H&abyz | Ultra-Light & High Durability

- High DQE and lower dose of radiation (Low NED value) with excellent imaging quality
- Glass-free durable and robust - able to handle up to 400kg of distributed load
- Ergonomics friendly - side chamfer to ease lifting / rear grip to support transportation

Model Name	F1417MCW Glass-Free	FA1417MCW Glass-Free	A1717MCW	A1417MCW
Type	Cassette / Wireless & Wired			
Size	17 x 14" (43 x 36 cm)	17 X 14" (43 X 36 cm)	17 X 17" (43 X 43 cm)	17 X 14" (43 X 36 cm)
Scintillator	Flexible Csl		Csl	
DQE (@0lp/mm)	76%			
Dust&Water-Proof	IP56			
Weight (w/o batt.)	2.1kg	2.4kg	3.4kg	2.9kg
Pixel Pitch	140μm			

Thales | State-of-the-art Flat Panel Detector

- Fast image transmission : full image < 2 sec. (wired), < 3 sec. (wireless)
- Smallest pixel pitch with 100 μm ensures superior image quality and high resolution
- Internal and external batteries provide extended autonomy and worry-free mobility (up to 10 hours)
- Easy sharing with NFC : makes it easy to share one detector for several systems

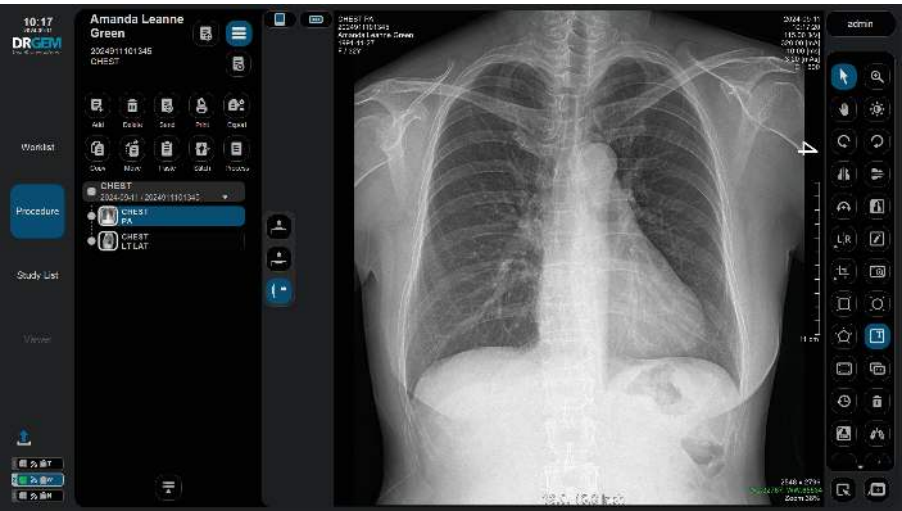
Model Name	PIXIUM® 3543 EZ HD	PIXIUM® 4343 EZ HD
Type	Cassette / Wireless & Wired	
Size	14 x 17" (35 x 43 cm)	17 X 17" (43 X 43 cm)
Scintillator	Csl	
DQE (@0lp/mm)	70%	
Dust&Water-Proof	IP56	
Weight (w/o batt.)	2.85kg	3.85kg
Pixel Pitch	100μm	

Varex | Design For Reliability

- Industry-leading ingress protection of IP68 rating
- Improved reliability with rugged polycarbonate housing design
- High performance with inductive charging, battery hot-swap and short cycle time for fast patient throughput
- Offer integrated shock sensor and gyro

Model Name	LUMEN 4343W
Type	Cassette / Wireless & Wired
Size	17 X 17" (43 X 43 cm)
Scintillator	Csl
DQE (@0lp/mm)	73%
Dust&Water-Proof	IP68
Weight (w/o batt.)	3.1kg
Pixel Pitch	139μm

RADMAX (Digital Imaging Software)



Excellent Image Quality

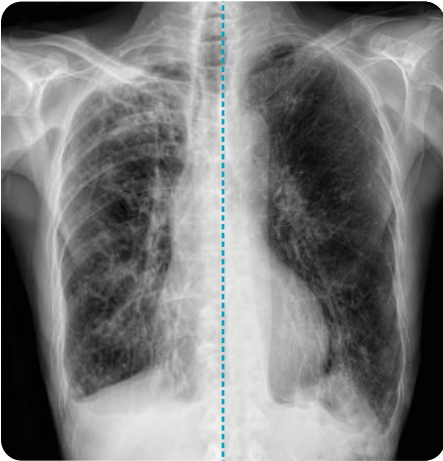
Main Features

- Excellent Image Quality
- Grid Line Suppression
- Positioning Guide
- Virtual AEC Field
- Live Streaming
- Patient Movement Detection
- Image Stitching
- Exposure Index Using Object Segmentation
- Reject Analysis
- Audit Trail
- Radiation Dose Structured Reports (RDSR)
- DICOM TLS (Transport Layer Security)
- DICOM 3.0 Compliant

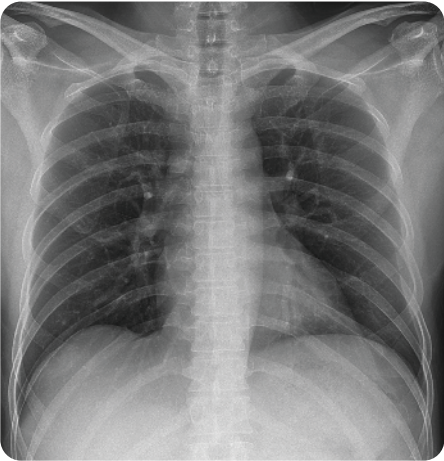
AI-Based Diagnostic Assistance



Bone Suppression



Scatter Reduction



Configuration

AcquiDR integrates DRGEM's products into a fully optimized DR system

- RADMAX controls the X-ray generator, so no membrane console is needed
- A complete DICOM file is generated by embedding X-ray exposure parameters (kV, mAs) in the DICOM header

GXR-ES	GXR-S	GXR-SD	JADE	TOPAZ	DIAMOND



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Head Office/R&D
Gimcheon Factory
Gumi Factory

7F, E-B/D, Gwangmyeong Techno-Park, 60 Haan-ro, Gwangmyeong-si, Gyeonggi-do, Korea (14322)
213, Saneopdanji-Ro, Eomo-Myeon, Gimcheon-Si, Gyeongsangbuk-do, Korea (39536)
116-59, Sanho-daero, Gumi-si, Gyeongsangbuk-do, Korea (39377)

NORTH AMERICAN DISTRIBUTOR:
TI-BA ENTERPRISES, INC.
25 HYTEC CIRCLE
ROCHESTER, NY 14606
TEL (585) 247-1212
EMAIL: INFO@TI-BA.COM
WWW.TI-BA.COM