

Ultimate DR Mammography Solution



IMAGE

AIRDR M | 75 MICRON DR

AirDR M™ provides the highest efficiency cesium-iodide based scintillator, 16 bit available gray scale, and market leading 75 micron active maxtrix that guarantees image resolution up to 6.7 lp/mm.

CAPTURE

XC | ACQUISITION

XC™ touchscreen acquisition with ICE-4 Enhancement Processing provides all-new features including, "Image Display State" to ensure balanced presentation of both soft tissue, overlapping bone structures, and automatic analysis of image characteristics to optimize processing.

REVIEW

CLARITY PACS

Our fully web-enabled and integrated PACS solution help transition your practice into a safe, secure, and filmless environment. Clarity PACS™ supports all your current and future imaging needs.

3 Second Acquisition Time

16 | Bit Resolution

75 μm | Pixel Pitch

The AirDR M™ is a Retrofittable DR Mammography Solutionis equipped with a directly deposited Cesium iodide (Csl) scintillator which provides unparalleled image quality. The cassette-size minimizes patient dose and improves throughput, making it an innovative Fail-Safe Detector.

The AirDR M™ is our most advanced, low-dose digital radiography solution when paired with the robust and feature-rich image processing XC™ software. XC™ provides superior quality images every time with an option to further manipulate the images.

AirDR M™ Specifications



The AirDR M™ has been specially designed and optimized to advance the imaging equipment you're using right now. Utilizing its unique form-factor and embedded Automatic Exposure Detection (AED), the AirDR M™ is compatible with any X-ray system that works with ISO 4090 - compliant, 330 x 260 mm cassettes.

- ✓ No need to modify your generator, or bucky
- ✓ No need to replace your grids
- ✓ No need to discard your wall stand, or table.
- ✓ Water Resistant IP3 Rating
- ✓ Carbon Fiber Construction Durability
- ✓ Same Day Installation

Technology	a-Si TFT with photodiode
Scintillator	CsI:TI / Gd ₂ O ₂ S:Tb
Pixel Pitch	75 µm
Spatial Resolution	3.5 lp/mm
Pixels	3840 x 3072 Pixels
Image Size	12.9 x 10.2 in
Grayscale	16 bit
Image Acquisition Time	Wired: 1.5 seconds Wireless: 3 seconds
Recommended Cycle Time	15 seconds
Data Interface (Data Output)	Gigabit Ethernet IEEE 802.11n
X-Ray Generator Interface	Line Trigger: DR Trigger Mode Auto Trigger: AED Mode
Cassette Size	12.9 x 10.2 x 1.3 in 330 x 260 x 35 mm
Weight	4.2 kg 4.5 kg (9.4 lb) (including battery)
Battery	Lithium Ion 3100 mAh x 2
X-Ray Voltage Range	40 - 150 kVp
Operating Environment	10°C to 35°C 30% to 85% RH (non-condensing)
Power	DC 24V, 1.0A

XC™ Acquisition Software Features

XC - Intuitive touchscreen acquisition

ICE- 4 Processing - Automated image characteristics analysis for maximum image enhancement

Image Display State: Automated enhancement of image display at the point of acquisition

Smart search, sort, and filter options

Integration with front office management systems like RIS and EMR

Full set of annotation and measurement tools

User-preferred settings and privileges

Outer Dimensions



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