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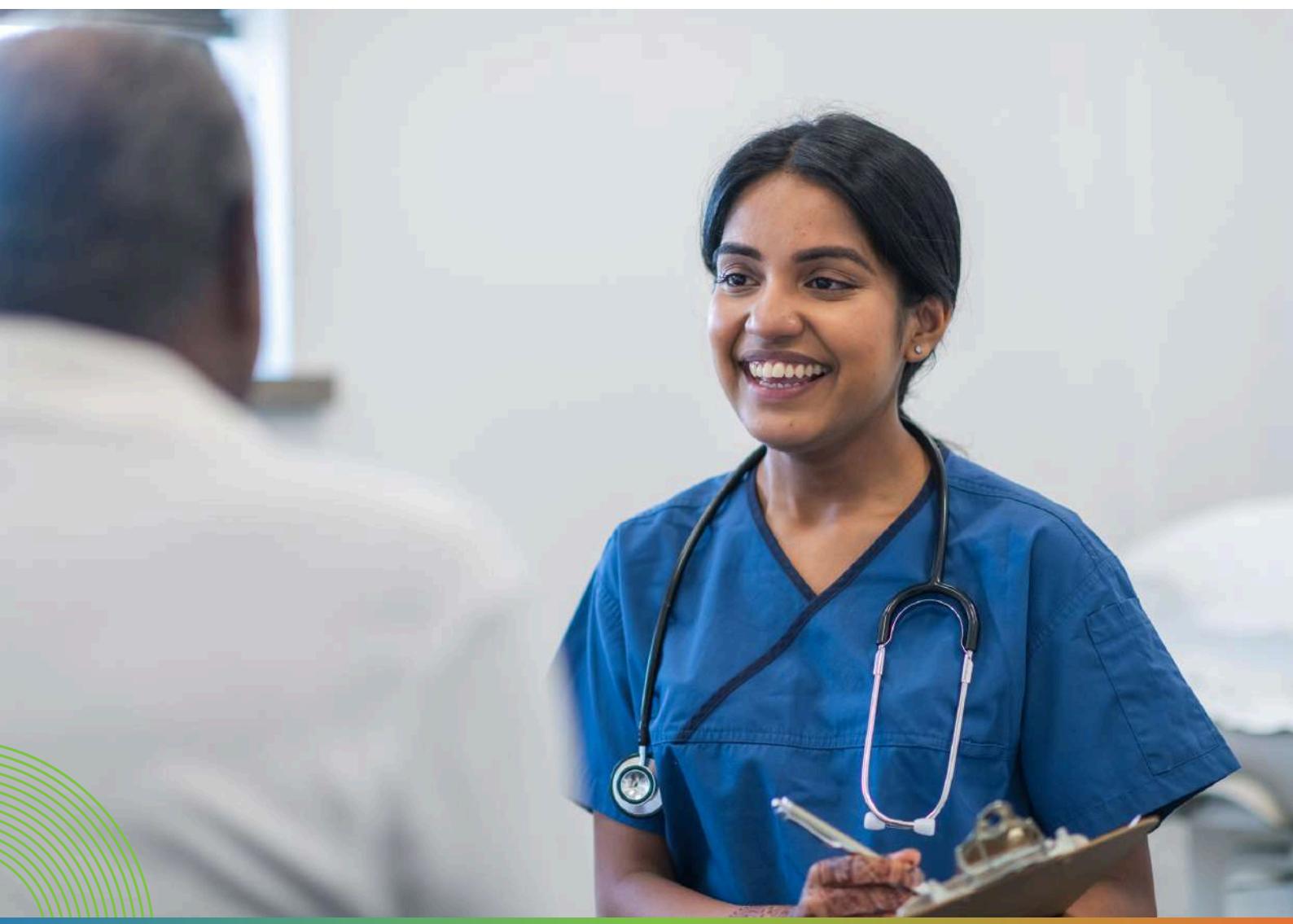
adonis

Enhanced Care.  
Delivered.

# PRODUCT PORTFOLIO

# **3i Med Tech is an esteemed player in the medical devices industry with a core competency in the manufacturing of sophisticated diagnostic imaging equipment such as Digital X-Rays, MRI machines, and Digital C-Arm.**

The company has carved out a reputable niche for itself in the competitive health care market. Thus, 3i Med Tech has established itself as a full-service provider in the realm of medical technology with a dedication to improving the quality, efficiency, and accessibility of health care services.





## Mission

We are pledged to bring "Affordable Luxury" to our products & solutions to serve our customers with advanced technology with lower life cycle costs without compromising on quality, reliability & patient safety. Promote the role of imaging in preventive medicine, helping to diagnose diseases early when they are most easily treatable. Collaborate with healthcare service providers, research institutions, and technology companies to share knowledge and data to push the boundaries of possibilities in medical imaging using technology.

## Vision

Our vision is to revolutionize the future of healthcare by providing advanced and safer medical imaging solutions that enhance diagnostic accuracy and improve patient experience. We strive to empower healthcare professionals with the most innovative imaging technologies and data-driven insights with the highest accuracy.

# Digitizing the X-ray World

We are dedicated to providing cutting-edge radiography solutions that meet the diverse needs of healthcare professionals.

Our systems, built on advanced CSI Flat Panel Detector technology and innovative design, deliver exceptional image quality, streamlined workflows, and enhanced patient care.

## Key Features:

- **Optimized Efficiency:** Modular design for rapid patient turnover.
- **Unparalleled Image Clarity:** High DQE for superior image detail and dynamic visualization.
- **Space-Saving Solutions:** Compact systems maximizing space utilization.
- **Versatility:** Flexible configurations to accommodate various patient positions.
- **Comprehensive Software:** Advanced clinical workstation for diverse applications.



# **DIGITAL RADIOGRAPHY**

## DIGITAL RADIOGRAPHY

# DReam CMT-Dual: Accelerating Imaging

**Designed to maximize patient throughput and efficiency, the DReam CMT-Dual offers a dual detector system that streamlines workflows.**

Rapid acquisition of high-quality images, coupled with intelligent auto-tracking and positioning features, significantly enhance productivity.

## Key Benefits:

- **Unmatched Speed:** Rapid image capture for efficient patient turnover.
- **Ergonomic Excellence:** User-friendly design for optimal performance.
- **Precision Movement:** Synchronized detector and tube movement for precise imaging (optional).
- **Versatility:** Automatic positioning and elevating horizontal table accommodate diverse examinations.
- **Comprehensive Coverage:** Bucky tilt enables upper extremity studies.



## DIGITAL RADIOGRAPHY

# DReam CMT-Single: Compact Power

Ideal for smaller spaces and moderate patient volumes, the DReam CMT-Single offers a versatile ceiling-mounted solution for diagnostic centers, emergency departments, and specialty clinics.

Designed for flexibility, this system excels in performing a wide range of examinations.

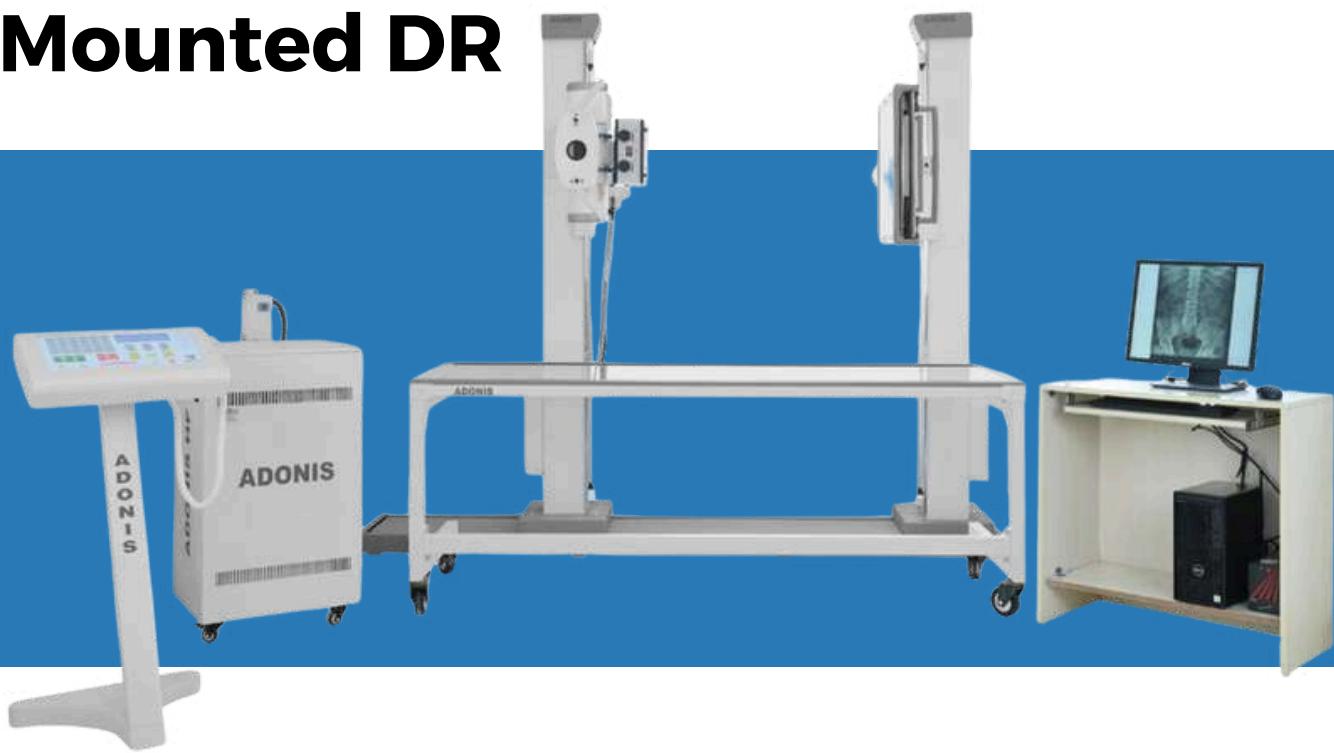


## Key Benefits:

- **Precision Imaging:** Tube-mounted auto-tracking and positioning for accurate image capture.
- **Image Clarity:** High spatial resolution for exceptional image detail.
- **Efficient Workflow:** Auto-exposure and pre-set programs accelerate imaging.
- **Ergonomic Design:** Vertical movement (motorized or manual) for user comfort.
- **Advanced Software:** Optimized image processing for superior results.

## DIGITAL RADIOGRAPHY

# DReam Floor Mounted DR

**Key Benefits:**

- **Digital Interface:** Clear and precise control over system power, kilovoltage (kV), milliamperage (mA), and milliampere-seconds (mAs).
- **Advanced Settings:** Dedicated display for Bucky grid selection, focal point adjustment, and exposure parameters.
- **Intelligent Automation:** Automatic Exposure Rate (APR) presets for optimized imaging of various body parts.
- **Tube Protection:** Microprocessor-controlled tube for preventing overload and damage.
- **Consistent Output:** Automatic voltage compensation ensures reliable image quality.
- **Self-Monitoring:** Built-in self-diagnostic system with error codes for efficient troubleshooting.
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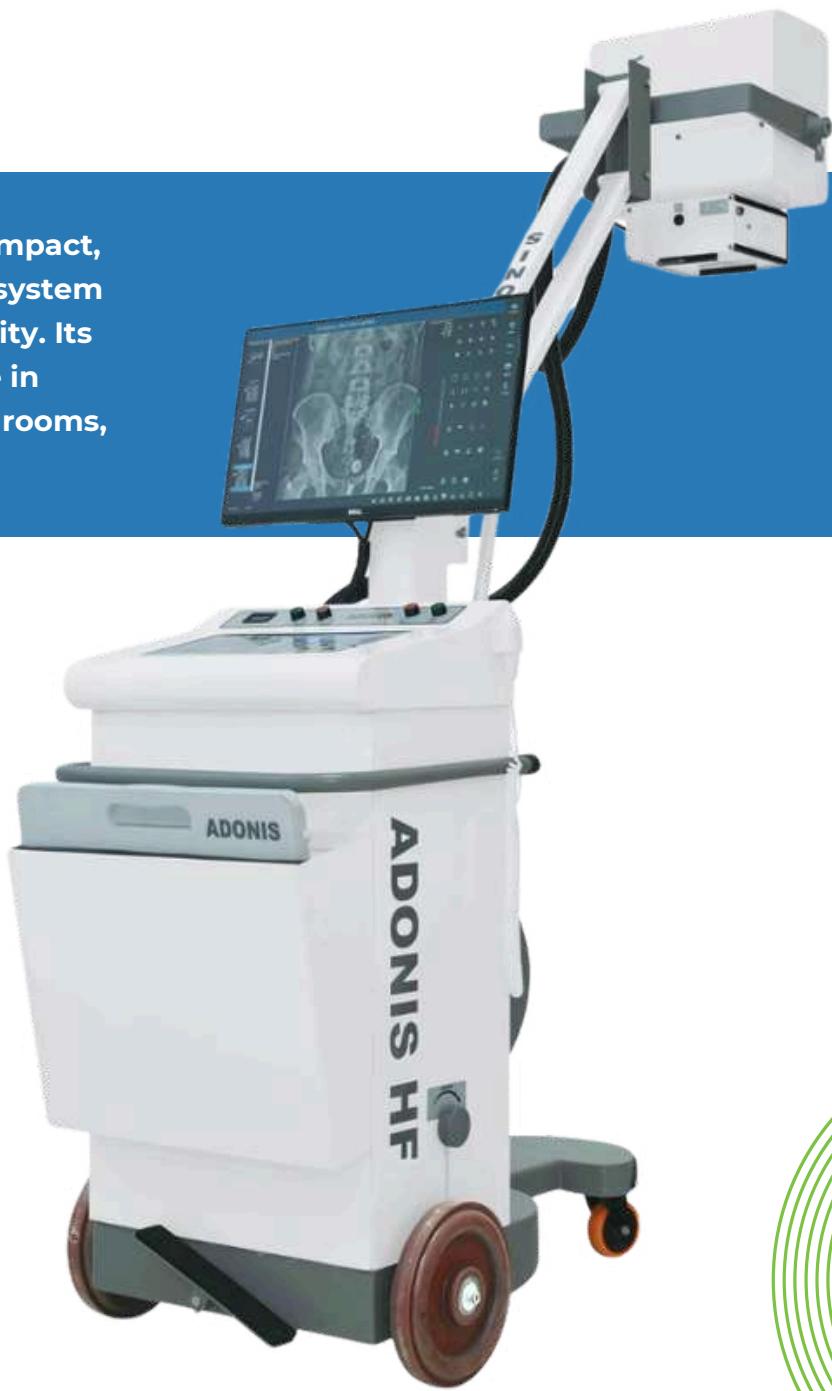
SMART DIGITAL X-RAY

# Adonis HF Mobile DR

The Adonis HF Mobile DR is a compact, lightweight digital radiography system designed to maximize productivity. Its portability enables seamless use in intensive care units, emergency rooms, and operating rooms.

## Key Features:

- **Ultra-portable:** The panel weighs just 2.7 kg, including the battery.
- **Smooth movement:** Motorized vertical movement with reliable brakes ensures easy positioning.
- **User-friendly:** Soft-touch keypad with customizable settings and a detachable exposure release switch.
- **Reliable power:** Dual battery system for uninterrupted operation.
- **Safety first:** Built-in automatic fall detector.



# **SMART DIGITAL X-RAY**

SMART DIGITAL X-RAY

# ADONIS HF X-ray Systems 300mA / 500mA / 600mA

**Adonis HF X-ray systems are the culmination of extensive research and development, delivering high-quality imaging solutions at competitive prices.**

Our in-house designed High-Frequency generators optimize X-ray production, enhancing image contrast while minimizing patient exposure.



## Key Features:

- Advanced Technology:** Digital display of settings, tube focal spot selection, and automatic exposure programs (APR) for precise control.
- Efficient Workflow:** Motorized table and bucky options for smooth operation and versatile cassette compatibility.
- Reliable Performance:** Automatic voltage compensation, microprocessor-controlled tube overload protection, and dual battery system for uninterrupted use.
- Patient Safety:** Built-in automatic fall detector for added security.

Available in 300mA, 500mA, and 600mA models to suit your specific needs.



## DIGITAL RADIOGRAPHY

# ADONIS 100HF / 150HF Mobile X-ray

**Delivering comprehensive radiological solutions at an accessible price, the ADONIS 100HF/150HF Mobile X-ray is powered by advanced high-frequency technology.**



- **Portability and Ease of Use:**

- Compact and lightweight design for effortless bedside X-rays
- Smooth motorized vertical movement with secure braking for optimal maneuverability
- Intuitive soft-touch keypad with customizable settings
- Detachable exposure release switch for convenience

- **Precision and Efficiency:**

- APR-based high-frequency inverter ensures accurate and complete imaging
- Microprocessor control with digital LCD display for clear visibility of settings
- Automatic bucky selection for streamlined workflow

- **Versatility:**

- Expandable with optional horizontal, semi-motorized, floating top, or vertical bucky tables to suit various needs

# IMAGE BANK



# IMAGE BANK



# **FLAT PANEL DETECTORS**

## MAMMOGRAPHY SYSTEMS

# Flat Panel Detectors

## Flat Panel Detector

This high-performance flat panel detector, utilizing Cesium Iodide (CsI) technology, offers excellent image quality with high Detective Quantum Efficiency (DQE) and supports both wired and wireless configurations.



Radiography



Dental

### Key Features:

- High DQE:** 84% DQE for low-dose, high-quality imaging.
- Lightweight & Durable:** 3 kg, supports 150 kg distributed load.
- Sizes:** Available in 17"x17" and 14"x17", wired/wireless options.
- CsI Technology:** Enhanced image quality with 140-micron resolution.
- Advanced Integration:** Real-time logging, shock detection, modular design.



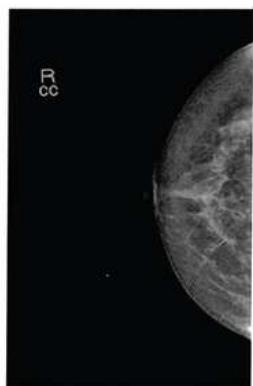
Dynamic



Vet

## Retrofit Mammography Panel

This retrofit panel enables quick digital conversion of analog mammography systems with high image quality and minimal cost.



### Key Features:

- 76-Micron Resolution:** High-quality imaging for early detection.
- Easy Digital Upgrade:** Converts analog systems to digital without major overhaul.
- Mobile Compatible:** Supports mobile mammography setups.
- Cost-Efficient:** Low-cost upgrade solution, seamless PACS integration.

# **MOBILE C-ARM**

SMART DIGITAL X-RAY

# ADONIS Flat Panel C-Arm

The Adonis Flat Panel C-Arm, an indigenous innovation, is a cutting-edge imaging solution designed for complex surgical procedures across orthopedics, urology, neurology, and gastroenterology.

Leveraging Caesium Iodide Flat Panel Detector (FPD) technology, it delivers exceptional image quality with significantly reduced radiation dose.



## Key Features:

- **Advanced Imaging:** Large Field of View (FOV) captures more anatomical details, while TIALIC technology optimizes image quality even in low-dose settings.
- **Versatile Applications:** Perform a wide range of procedures with Fluoroscopy, Digital Subtraction Angiography (DSA), and Snapshot capabilities.
- **Efficient Workflow:** Intuitive controls, comprehensive image processing tools, and rapid image acquisition streamline procedures.
- **High-Resolution Imaging:** Store up to 1000 runs of 100 frames in high-resolution format for detailed analysis.
- **Patient-Centric Care:** AI-driven dose indicator and easy patient data management prioritize patient safety and efficiency.

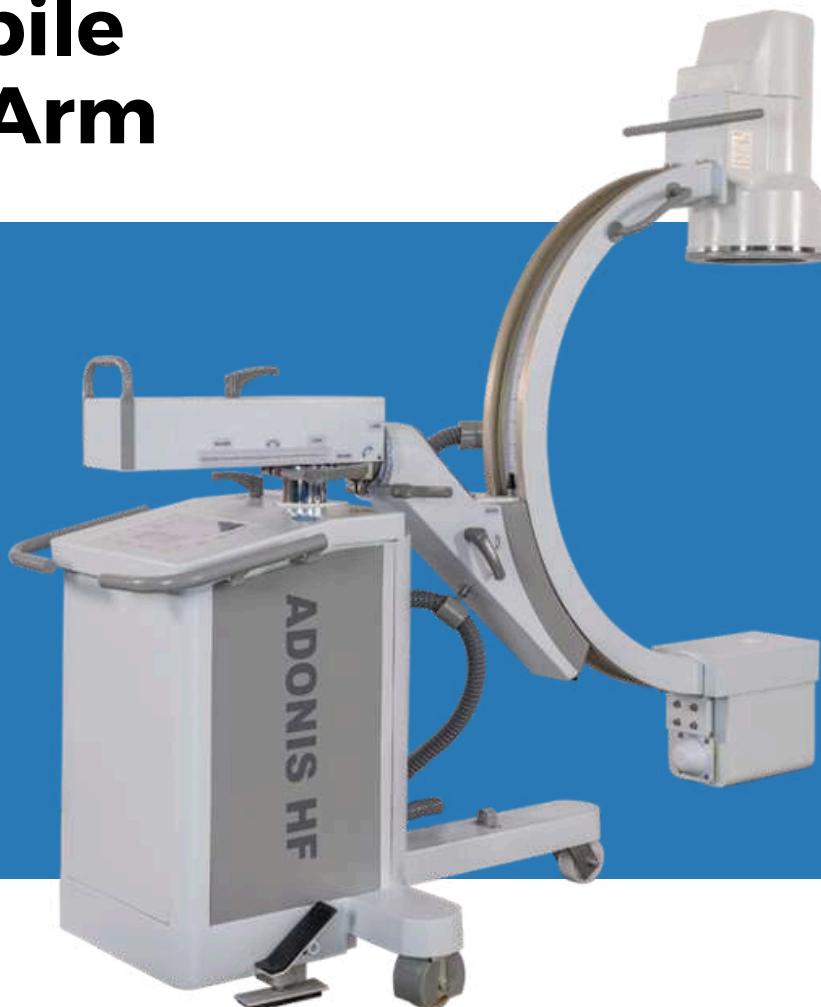


SMART DIGITAL X-RAY

# Adonis Mobile Surgical C-Arm

The Adonis Mobile Surgical C-Arm is a versatile imaging solution designed to support a wide range of surgical procedures, including orthopedics, urology, neurology, and gastroenterology.

Its mobility and advanced features enhance surgical precision and efficiency.



## Key Features:

- **Intuitive Control:** User-friendly LCD control panel with essential functions like Dynamic Live Image, image hold, pulsed mode, zoom, rotation, and quad view.
- **High-Resolution Imaging:** Ample image storage capacity for both static and dynamic sequences, with the ability to store up to 10,000 images.
- **Advanced Technology:** Adonis GX software and dedicated video pipeline processor deliver exceptional image quality for rapid decision-making.
- **Efficient Workflow:** Cordless remote control, counterbalance mechanism, and secure locks optimize maneuverability and ease of use.

# **PORTABLE X-RAY**

PORTABLE XRAY

# Mini90 Point-of-Care X-ray

**Introducing the Mini 90, a cutting-edge, point-of-care digital X-ray imaging system.**

Designed for unparalleled portability and performance, this compact and lightweight unit is the ideal solution for a wide range of environments, including emergency care, home healthcare, remote locations, and disaster relief.



## Key Features:

- **Unmatched Portability:** Weighing just 4 kg, the Mini 90 is the lightest portable X-ray unit available, effortlessly transported to any location.
- **Versatile Imaging:** With a wide range of mA (2-10 mA) and kV (40-90 kV) settings, the Mini 90 delivers high-quality images for diverse clinical applications.
- **Superior Image Quality:** Advanced CSI flat panel detector technology with high DQE (up to 84%) ensures exceptional image clarity and detail.
- **Efficient Workflow:** Programmable exposure settings, a user-friendly 7-inch LCD touchscreen, and modular design streamline image acquisition and analysis.
- **Patient Safety:** A four-leaf X-ray collimator minimizes radiation exposure, while a robust outer case and advanced software provide added protection.
- **Durable and Reliable:** Built to withstand demanding conditions, the Mini 90 can handle up to 150 kg of distributed load and features a long-lasting lithium-polymer battery.

**Experience the future of portable X-ray imaging with the Mini 90.**

## Additional Benefits:

- Real-time shock detection for enhanced safety
- Large field size (43 cm x 43 cm) for comprehensive coverage
- Small focal spot (0.8 mm) for precise imaging
- Extensive clinical applications, including pediatrics, orthopedics, and trauma
- Convenient carrying case for easy transportation



# **MAMMOGRAPHY SYSTEMS**

## MAMMOGRAPHY SYSTEMS

# PINKVIEW DR PLUS

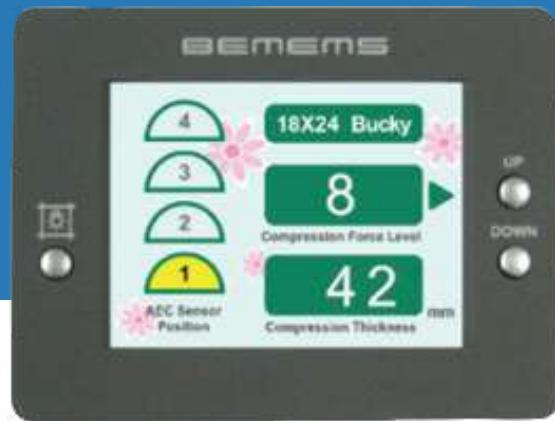
## (Digital Mammography)

**The PINKVIEW DR PLUS is a digital mammography system designed for superior breast cancer detection through advanced high-resolution imaging technology.**

With a pixel size of 75 microns, this system offers sharp and detailed images, allowing radiologists to identify early-stage abnormalities.

### Key Features:

- High-Resolution Imaging:** 75-micron pixel size for precise breast imaging, delivering exceptional image clarity for accurate detection of abnormalities.
- Advanced Compression Control:** Soft compression force control to minimize patient discomfort while ensuring optimal image capture during breast compression.
- Automatic Standard Positioning:** Single-touch shooting enables automatic standard positioning, simplifying operation and reducing manual input from the technician.
- Convenient Digital Pressure Control:** Microcomputer-controlled pressure adjustments ensure consistent, reliable compression levels.
- Built-in Generator:** Compact design with a built-in high-frequency inverter system to minimize space requirements without sacrificing power.
- Technical Specs:** 660 mm SID for sharp image capture, AEC (Auto Exposure Control), 7-inch touch LCD panel, and Bucky device with 18x24 cm cassette size for image processing.



## MAMMOGRAPHY SYSTEMS

# PINKVIEW RT (Analog Mammography)

The PINKVIEW RT is an analog mammography system offering reliable performance at a competitive price.

Designed for easy operation and installation, it provides high-quality imaging through its 76-micron resolution and high DQE (Detective Quantum Efficiency).

## Key Features:

- **High Image Quality:** 76-micron resolution and high DQE ensure sharp, clear images for effective breast cancer detection.
- **Built-in Generator:** Integrated HF inverter system, allowing for efficient operation with reduced power consumption.
- **Versatile Film Sizes:** Compatible with both 18x24 cm and 24x30 cm films for easy digitization when needed.
- **Compact and Mobile Design:** Easy-to-move system on 4 wheels for convenient positioning within the clinic.
- **Technical Specs:** SID 660 mm for clear imaging, touch-operated control panel, maximum tube current of 100mA at 25kV, and fully manual operation.



# **IMAGING ACCESSORIES**

# Imaging Accessories

## MedE Drive for Patient Data Storage

A portable, chip-based health data storage solution that securely stores DICOM images and reports.

### Key Features:

- 32 GB Storage:** Stores DICOM, lab results, prescriptions.
- Tamper-Proof:** Write protection ensures data security.
- Portable:** Compact design, easy patient identification.



## DMD D 2000, X-Ray Film Digitizer

High-speed digitizer for radiographic film conversion to digital format with high gamma accuracy.

### Key Features:

- Gamma Range:** 4.0 for lossless image quality.
- Fast Scanning:** 14"x17" film scanned in 8 seconds.
- Auto-Size:** One-click scanning with brightness control.



## Image Display Monitors

High-brightness, medical-grade diagnostic monitors for radiology and surgical imaging.

### Key Features:

- High Brightness & Stabilization:** Maintains image consistency over time.
- Multi-Monitor Support:** Configurable for complex diagnostic tasks.
- QA Calibration:** Advanced software for quality assurance.



# Imaging Accessories

## CT/MR/Mammograph Multi-Modality Workstations

Multi-modality workstations for CT, MR, and mammography image analysis.

### Key Features:

- **Multi-Modality:** Supports CT, MR, and mammography.
- **2D/3D CAD:** Tools for comprehensive image analysis.
- **Vendor-Neutral:** PACS integration for all modalities.



## CD/DVD Publishers

Automated DICOM image publishers for CD/DVD media, integrated with PACS.

### Key Features:

- **Automated Publishing:** Creates and labels DICOM media.
- **PACS Integration:** Seamless integration for image storage and retrieval.
- **Media Options:** Supports CD, DVD, and Blu-ray formats.



# **REFURBISHED MRI SYSTEMS**

## REFURBISHED MRI SYSTEMS

# GE Signa HDxt 1.5T 8/16 Channels

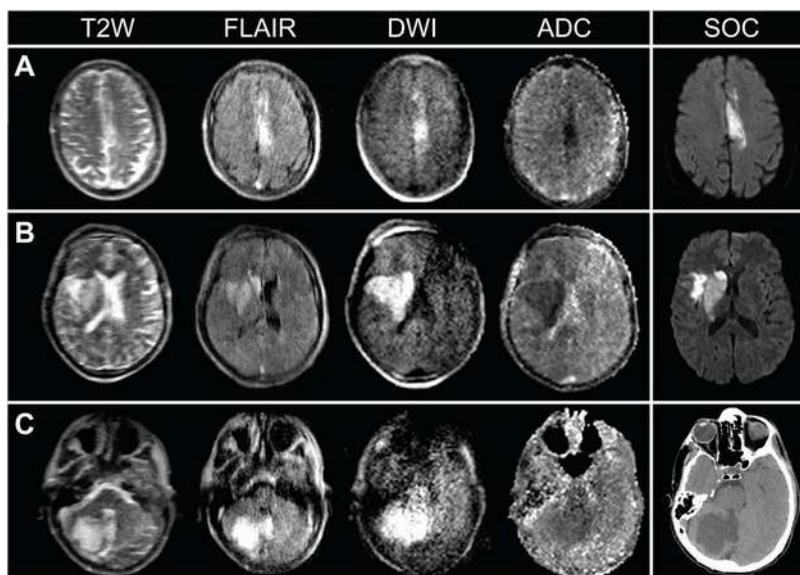
The GE Signa HDxt 1.5Tesla MRI system delivers high-definition imaging for neuro, musculoskeletal, cardiovascular, and body applications.

Its 48 cm field of view (FOV) and high-performance gradients ensure consistent image quality, with enhanced patient comfort provided by a 60 cm bore. The system is engineered for accurate and reproducible results in demanding applications like DTI and EPI.



## Key Features:

- High-Performance Gradients:** Features 33mT/m amplitude and 120 T/m/s slew rate on each axis, delivering precise imaging across all pulse sequences, especially for high spatial and temporal resolution.
- Advanced Applications:** Supports Propeller 3.0 for motion artifact reduction, Lavaflex for fat suppression, DTI, Spectroscopy, SWI, 3D ASL, T2 Mapping, and Cartilage Mapping, offering a comprehensive range of imaging solutions.



## REFURBISHED MRI SYSTEMS

# GE Signa HDxt 1.5T 8/16 Channels

- Real-Time Image Generation:** High-definition gradients and reconstruction algorithms optimize image quality, reducing blurring and enhancing contrast for small FOV prescriptions.
- Patient Comfort:** Designed with a 60 cm open bore, providing increased comfort and safety for patients during scans.
- Efficient Workflow:** Zero boil-off liquid helium technology, minimizing operational downtime, and a wide console monitor with simultaneous window access for ease of use.
- Technical Capabilities:** 16-channel RF system, automatic RF control, 50x50x45 cm maximum FOV, and cryogen system with zero helium boil-off for reduced maintenance needs.



## REFURBISHED MRI SYSTEMS

# Philips Achieva 3.0Tesla X-Series

**The Philips Achieva 3.0Tesla X-Series delivers exceptional 3T MRI imaging performance, designed for both routine and advanced clinical applications.**

The Quaser gradient system enables high gradient amplitudes, while SENSE technology optimizes both spatial and temporal resolution, reducing scan times without compromising image quality.

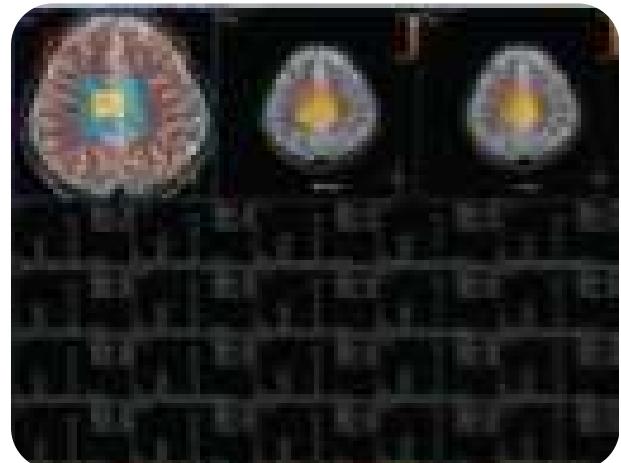
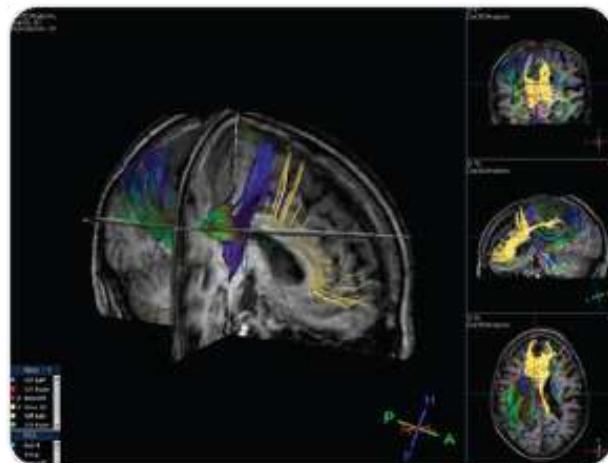


## Key Features:

- **Quaser Gradient System:** Capable of delivering up to 80 mT/m gradient amplitude with excellent linearity, ensuring high-performance imaging even in challenging examinations.
- **SENSE Technology:** Enhances spatial and temporal resolution by reducing scan times, making it particularly effective for fast and detailed imaging in applications like neurological and musculoskeletal studies.
- **Smart Exams Automation:** Automates the complete MRI process, from planning to scanning and processing, allowing for consistent, repeatable results with minimal manual intervention.
- **Transmit Technology:** Uses simultaneous parallel RF transmission from multiple sources to optimize the power, amplitude, phase, and waveform, ensuring uniform RF performance across all imaging modes.
- **Patient Safety and Comfort:** Features such as Autovoice for patient instructions and Scanwise implant safety ensure clear communication and a safe scanning process for patients with implants.
- **Technical Capabilities:** 60 cm bore, ExamCards pre-programmed for fast reproducible results, MultiVane XD for motion artifact reduction, and FreeWave technology for advanced applications like DTI and Spectroscopy.

REFURBISHED MRI SYSTEMS

# Philips Achieva 3.0Tesla X-Series



Medical Research Environment v2.0.556





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