



ADANI



ADANI (since 1991) is a world-class high-technology company of a full innovation cycle focused on disruptive innovation solutions for medical radiology, X-ray security screening, non-destructive testing, radiation control and ESR spectrometry.

ADANI is manufacturing the unique model range of medical X-ray products like mammography and general radiography systems as well as mobile healthcare and radiotherapy units of different purpose.

ADANI fully complies with ISO 9001 and ISO 13485 having CE and FDA confirmed products in portfolio.

With continual development of our products ADANI reserves the right to make changes to the design and specifications at any moment and without notice.

X-RAY MEDICAL EQUIPMENT

MAMMOGRAPHY
CHEST RADIOGRAPHY
GENERAL RADIOGRAPHY AND FLUOROSCOPY
RADIOTHERAPY
MOBILE CLINICS



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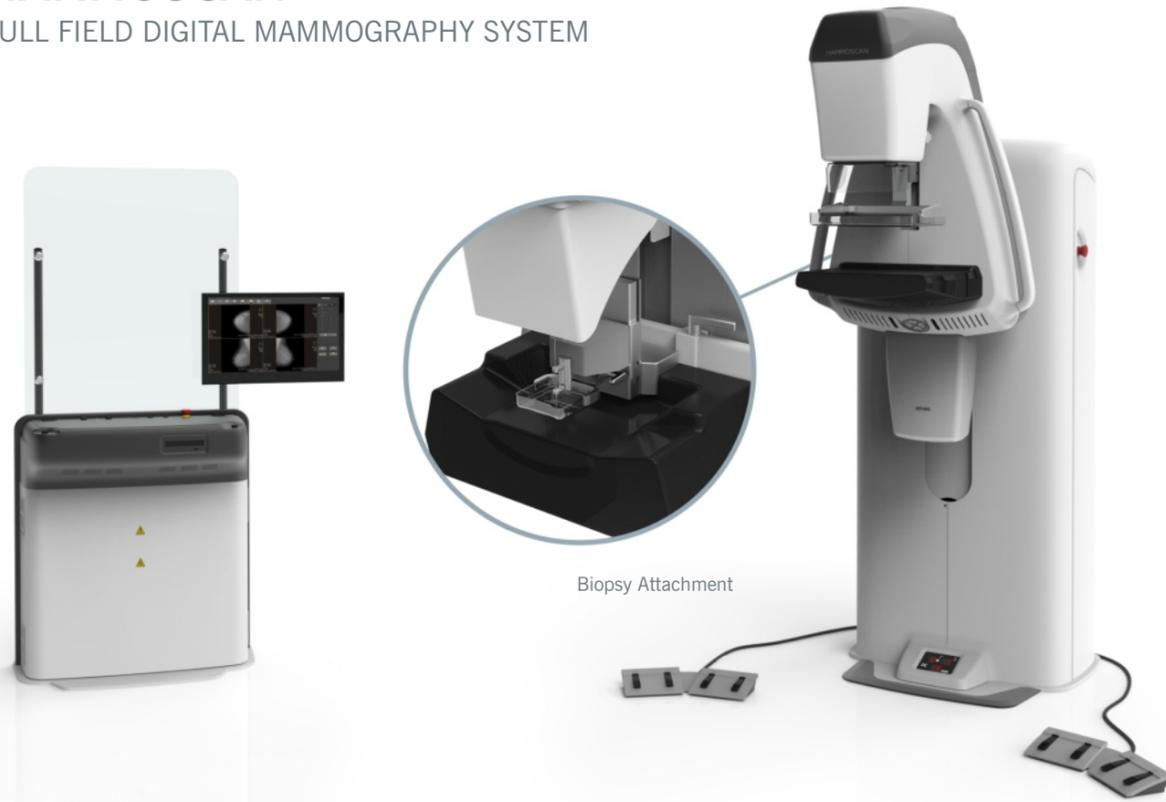
MolDan Service

MolDan Service is an official distributor of ADANI in R. Moldova and Romania WWW.MOLDANSERVICE.MD; WWW.ADANISYSTEMS.COM

MAMMOGRAPHY

MAMMOSCAN

FULL FIELD DIGITAL MAMMOGRAPHY SYSTEM



Biopsy Attachment

- MAMMOSCAN is a digital scanning technology development taking a special place in ADANI Medical X-ray product line.
- Its award-winning design provides greater comfort to patients and high definition imaging of all breast types. The system low dose examinations and easy to use workstation make it easier for technologists to perform exams accurately and quickly, resulting in faster, more confident diagnosis for clinicians.
- MAMMOSCAN is the optimal tool for faster patient throughput and increased workload.

FEATURES

- High definition imaging 4096 x 5555 pixels
- Patented slot-scan technology
- Fully automatic exposure control (AEC)
- Scanning time of 6 seconds
- No grid necessary
- Low-dose examinations
- Biopsy attachment (option)

DETECTOR:

	Maximum image size	22 x 30 cm
	Pixel dimension	27 μm
	Resolution, not less than	20 line pairs/mm



Authorized Representative in EU/EC



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CHEST RADIOGRAPHY

PULMOSCAN

X-RAY CHEST SCREENING SYSTEM



COMPLETE PULMONARY FUNCTION TESTING IN ONE DEVICE

- PULMOSCAN combines ease of use, quality of design and stunning visual appeal while delivering the highest image quality and advanced diagnostic capabilities.
- PULMOSCAN system is equipped with a high frequency generator.

FEATURES

- Image quality of 2560 x 2560 pixels
- Fully digital system
- High frequency generator
- Available as: solid cabin construction or open format

DETECTOR:

	Maximum image size	41 x 41 cm
	Pixel dimension	160 μm
	Resolution, not less than	2.8 line pairs/mm



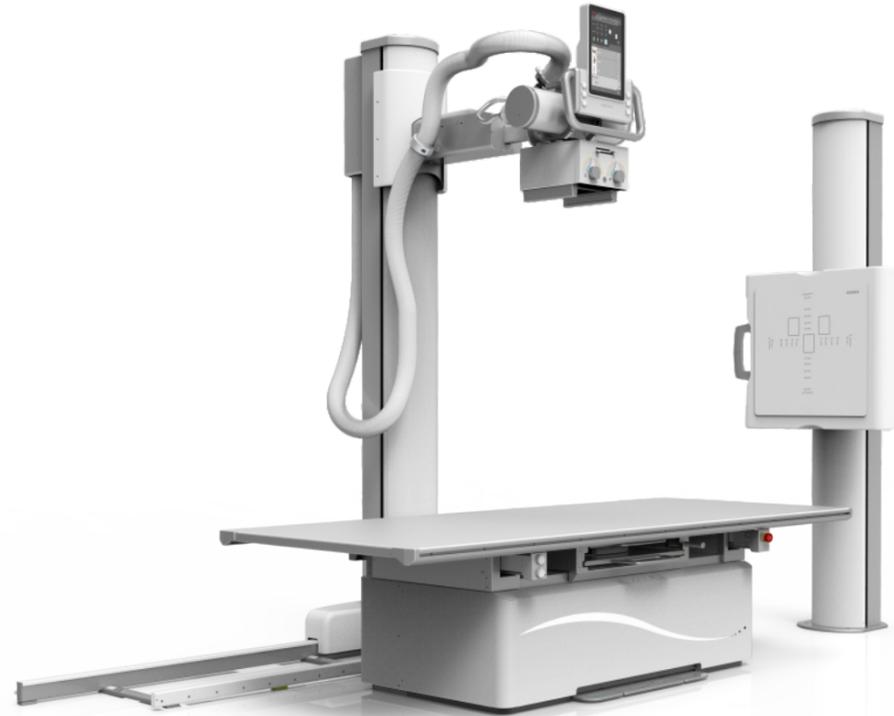
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UNIEXPERT 2 PLUS

RADIOGRAPHY SYSTEM FEATURING WIFI CASSETTE-SIZED DETECTOR



- UNIEXPERT 2 PLUS is a well-featured radiographic system, available in either digital or analog versions for use with CR technology. System is designed to meet expectations in performance and effectiveness.
- UNIEXPERT 2 PLUS offers a wide-ranging functionality, including a vertical wall stand, motorized table, choice of floor mounted tube stand or ceiling tube crane system with a tomography option. The system is available with a wireless flat panel detector 35x43 cm. The detector design provides fast display times making it easy to capture high-quality diagnostic images for routine diagnoses, as well as for challenging positioning.
- The system's flexibility makes patient positioning and system adjustments quick and easy.

FEATURES

- Digital or analog
- Elevating float-top table or fixed height table
- High-frequency generator
- Touch-screen control
- Wireless detector 35x43 cm
- Upgradable to fixed wireless detector (43x43 cm)
- Available as ceiling tube crane or floor stand



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UNIEXPERT 3 PLUS

RADIOGRAPHY & FLUOROSCOPY SYSTEMS: DIGITAL OR CONVENTIONAL

**FEATURES**

- Digital or analog system selection
- Motorized tilting table and wallstand
- High-frequency generator
- Touch-screen control
- Automatic collimator
- Features an optional CR system



Optional CR System



WiFi cassette-sized (35x43 cm) detector

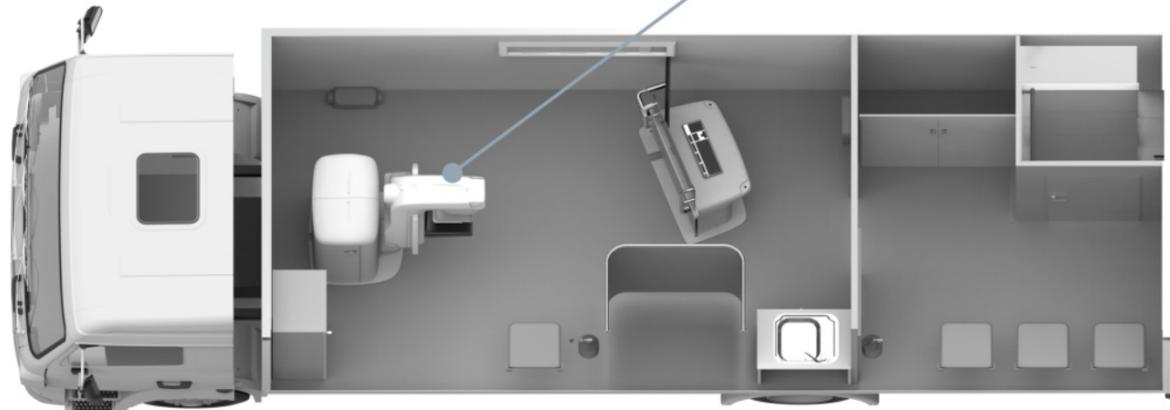
MAMMOEXPRESS

FEATURES

- Mobile digital mammography / mobile coach
- Extreme reliability and control over external environment factors
- Robust and compact design
- Highly customizable to customer needs



ADANI FFDM unit



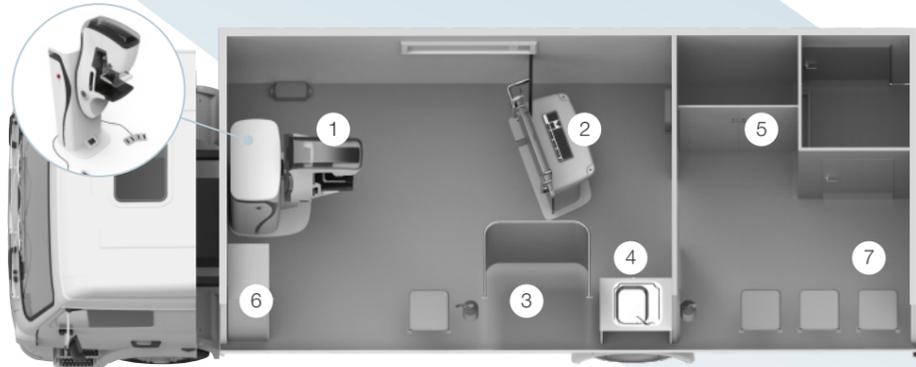
- ADANI mobile clinics are state of the art vehicles designed with patient comfort and convenience in mind.
- Offering a highly customized choice of 100% mobile digital systems to meet your needs including a comprehensive range of solutions dedicated to breast, chest or multimodality screening.
- ADANI's healthcare trucks provide a quick return of your investment due to cost-effectiveness and faster patient throughput.



MOBILE CLINICS

MAMMOEXPRESS

MOBILE BREAST SCREENING UNIT



FEATURES

- Commercial Grade Construction withstands all environmental factors
- 27 micron pixel technology for uncompromised imaging
- Unbeatable compactness and robust design
- Quick return of investment due to cost effectiveness and expedient patient processing.

UNIT LAYOUT

- 1 Full field digital mammography system MAMMOSCAN
- 2 Acquisition console
- 3 Changing room
- 4 Washstand
- 5 Cloakroom
- 6 X-Ray generator
- 7 Waiting room

PULMOEXPRESS

MOBILE CHEST SCREENING UNIT



FEATURES

- Commercial Grade Construction withstands all environmental factors
- Unbeatable compact and robust design

UNIT LAYOUT

- 1 X-ray chest screening system PULMOSCAN
- 2 Acquisition workstation
- 3 Waiting room
- 4 Washstand
- 5 Cloakroom
- 6 X-Ray generator

All our chest and breast screening systems can be equipped with CAD AI software. It can automatically detect abnormalities in less than one minute and helps diagnose in everyday routine.



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MOBILE CLINICS

SCREENEXPRESS

REPRODUCTIVE HEALTH

MULTIMODAL CANCER SCREENING UNIT

Vehicle-based mobile cancer screening unit SCREENEXPRESS RH (Reproductive Health) is designed for screening of both men and women for early detection of reproductive system tumors, as well as diseases having various locations. The unit is equipped with medical devices for X-ray, ultrasound, instrumental and laboratory examination, and each unit also provides heat, ventilation and A/S systems and accessories.

FEATURES

- The estimated processing of the unit is 30 patients per day.
- It supplied with disposable tools, materials and accessories enough for up to 10 days independent operation.
- May be used in any climatic conditions and provides high level comfort for patients, as well as medical staff.
- May be operated both independently, and in cooperation with remote medical facilities.
- Commercial Grade Construction withstands all environmental factors.
- 27 micron pixel technology for uncompromised imaging
- Unbeatable compactness and robust design.
- Quick investment return due cost effectiveness and expedient processing.

Reproductive health diagnostics designed for men and women



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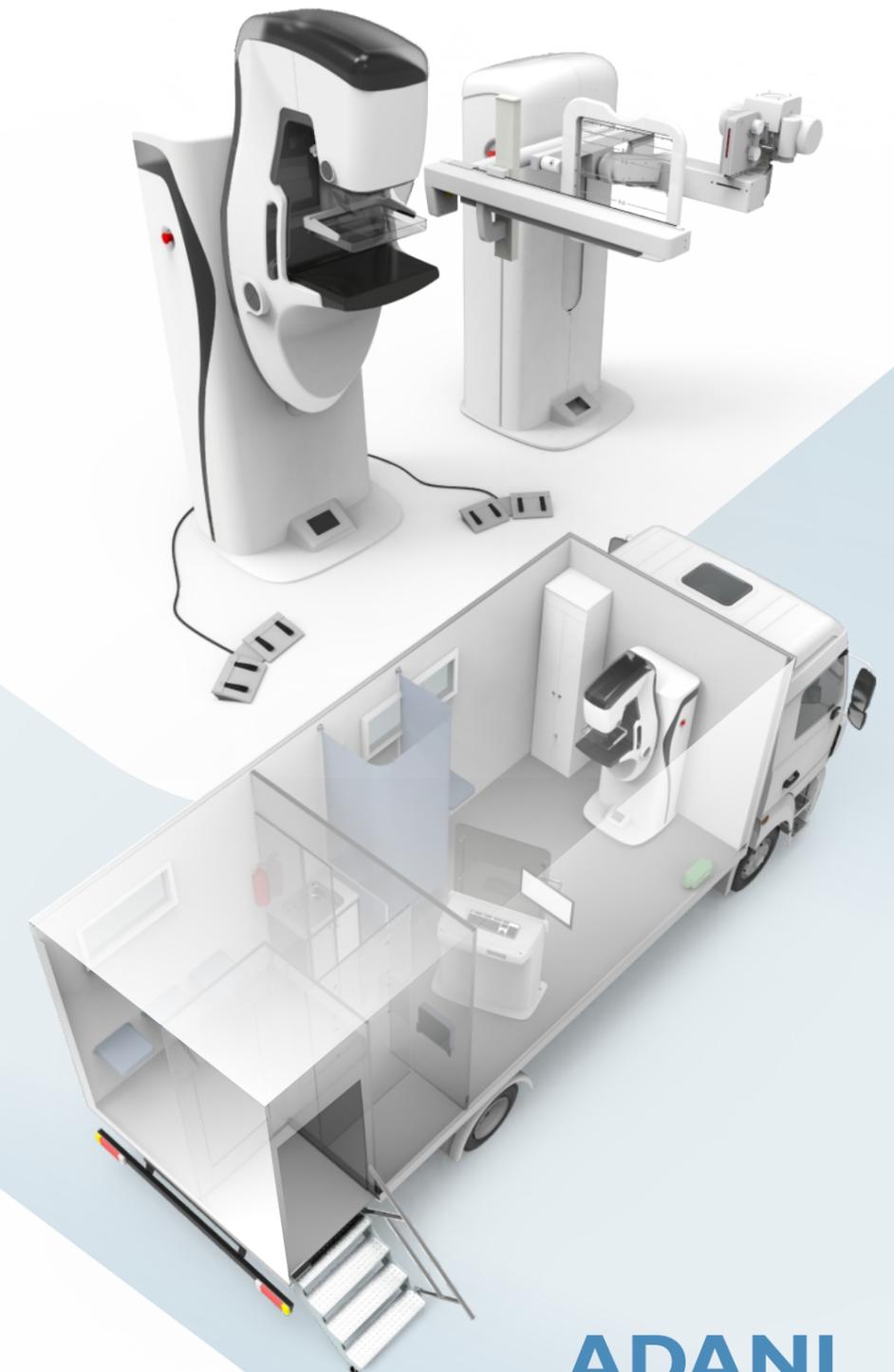


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X-RAY SCREENING SOLUTIONS

MAMMOGRAPHY CHEST SCREENING MOBILE CLINICS



ADANI

MAMMOSCAN

FULL-FIELD DIGITAL MAMMOGRAPHY SYSTEM

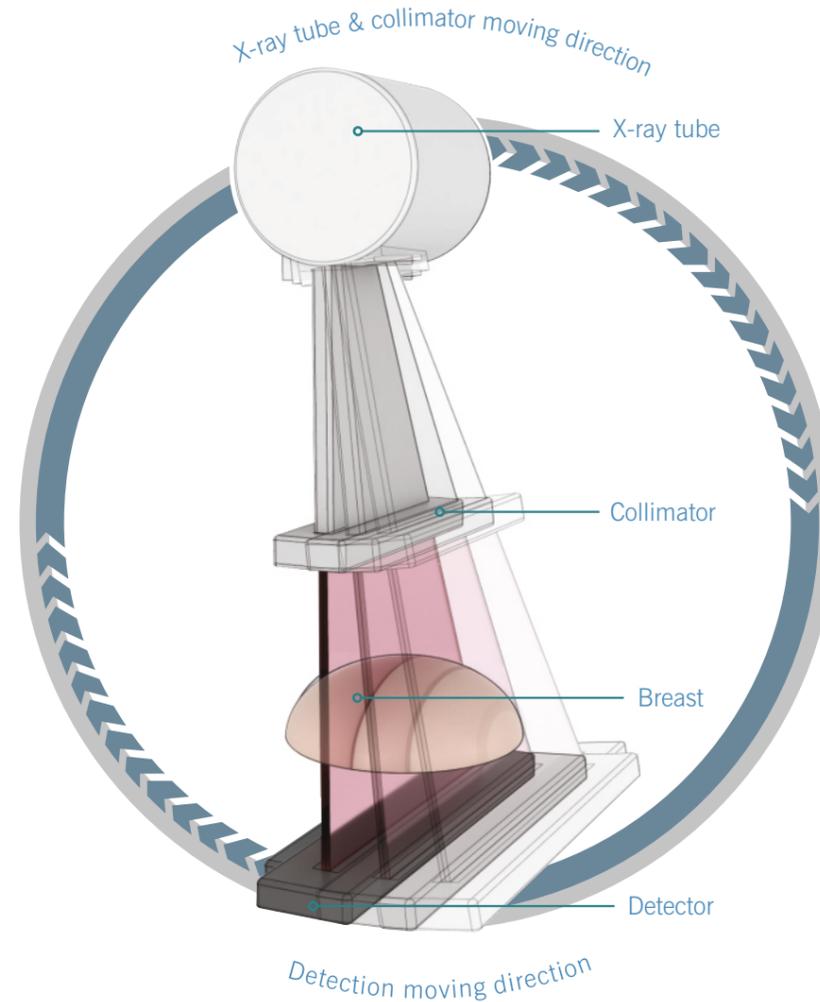


Biopsy Attachment

DETECTOR DESIGN RESULTS IN LESS ENVIRONMENTAL SENSITIVITY

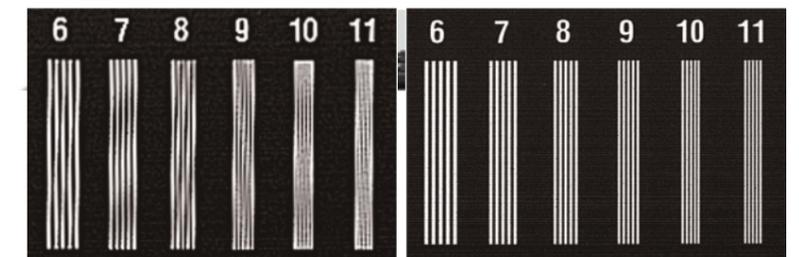
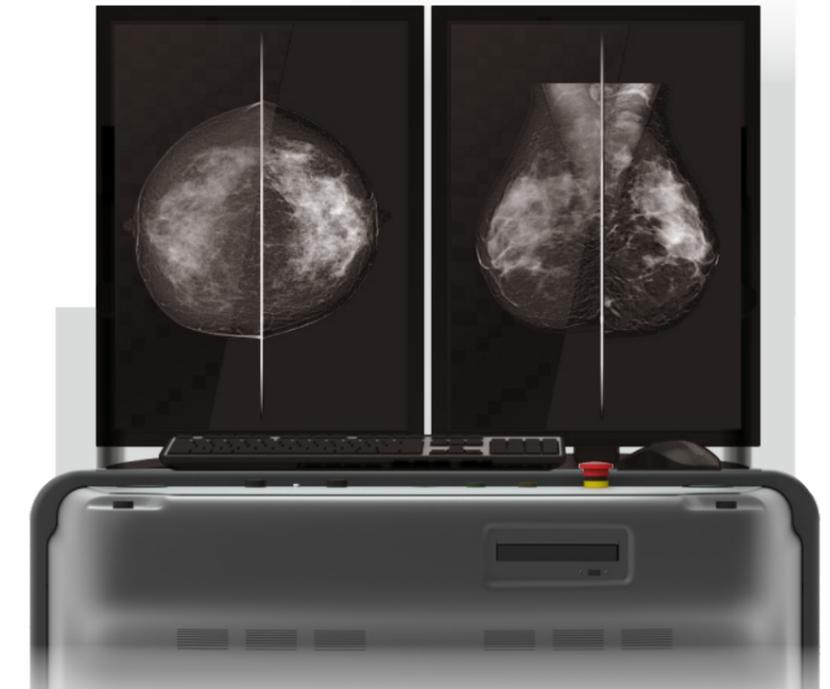
The detector developed for the MAMMOSCAN system has the superior advantage of not being sensitive to varying temperatures. The system may be installed in locations that are not under permanent temperature control. The users have greater flexibility in the facilities where the systems are installed.

Our scanning technique uses a thin beam to reduce radiation.



HIGH DEFINITION IMAGING ENSURES ACCURATE BREAST CANCER DETECTION

With a 27 micron diagnostic resolution, MAMMOSCAN provides better resolution of the breast, thus ensuring more accurate detectability of tumors and microcalcifications. Spatial resolution of the 20 line pair per millimeter offers significant add-on value to the diagnostic process compared to other available digital mammography scans.



Example of standard definition image

Example of high definition image with the MAMMOSCAN

THE NEW LEVEL OF CONFIDENCE IN BREAST CANCER DETECTION AND DIAGNOSIS

- MAMMOSCAN is a digital scanning technology development has a very special place in ADANI's Medical X-ray product line.
- Its award-winning design provides greater comfort to patients and high-definition imaging of all breast types. The system's low dose examination, and easy to use workstation, make it easier for technologists to perform exams accurately and quickly; resulting in more expedient and confident diagnoses for clinicians.
- The robust, yet flexible design of the MAMMOSCAN unit, makes it available as a fixed solution or as part of a flexible mobile solution and may also be supplied with a biopsy option.

ADVANCED SCANNING TECHNIQUES REDUCES PATIENT DOSE

MAMMOSCAN uses its patented slot-scan technology, which efficiently rejects the scattered radiation with the result of reduced radiation and improved resolution. The narrow fan-shaped x-ray beam is captured by a digital x-ray detector which produces a digital image of the breast. The x-ray tube, collimator and detector are synchronized. The beam is always focused on the digital x-ray detector surface during the exposure process. Thanks to the narrow x-ray beam, we do not need to use an anti-scatter grid and we may reduce the dose of radiation to the patient.

AUTOMATED EXAMINATION PROCESS INCREASES THE WORKFLOW

The motorized movements with isocentric rotation, combined with customizable presets of the screening and diagnostic workflow significantly reduce examination time. The positioning control panels which are designed to be accessible from all sides of the system, including the top, increases the flexibility for lateral positioning. The automatic decompression feature releases the patient's breast compression for additional comfort.

ONCOLOGY ●
Including veterinary

INFLAMMATORY DISEASES ●
Neurology
Rheumatology
Orthopedy

DERMATOLOGY ●

UROLOGY ●

GYNECOLOGY ●

PALLIATIVE ●

THERAD 200

SUPERFICIAL ORTHOVOLTAGE SYSTEM



HIGH-RESULTATIVE
COST-EFFECTIVE
BLOODLESS
WIDELY APPLICABLE

- Oncology centers
- Dermato-cosmetology clinics
- General hospitals

CONFIGURATION FAMILY

100 kV UNIT
300 kV CEILING UNIT
MOBILE CLINIC



APPLICATORS

TYPE	FSD, in	Tip, in
● Cylindrical circular	10, 12	0.6-2.0
● Cylindrical elliptic	12	0.6x0.8 - 1.0x2.0
● Cylindrical semilunar	12	1.3x0.4 - 1.6x1.6
● Rectangular	12, 16, 20	1.6x1.6 - 8.0x8.0



MAIN APPLICATIONS



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