

Major Technical Specification

Model	MAM Venus / MAM Venus+
Series	Fairy DR
X-Ray Generator	High Frequency (HF) X-Ray Generator
Max. Power	3.5 / 5.0 KW
Solid State Flat Panel Detector	Direct Conversion (Selenium)
X-Ray Tube	Dual Angle - Dual Focus Rotating Anode X-Ray Tube Dual Metal - Dual Focus Rotating Anode X-Ray Tube (optional)
Focal Spot	0.1 mm & 0.3 mm
Gantry	Isocentric Motorized Gantry
Monitor	High Resolution (1280 x 1024) LCD monitors (3/5 mega pixel optional)
Workstation	DICOM Workstation
Standard Accessories	Aluminium / Rhodium Filter (as per user intended application) Exposure Protector Cone, Collimation plate for 24x30 cm, compression padles, (normal & spot), Retractable cord for exposure, Film marking device Molybdenum and Aluminium filter changer.
Optional Accessories	Digital Stereotactic Biopsy Device
Power Requirement	230 V AC \pm 10% (model specific \pm 20%), Single phase, 50/60 Hz (or as per voltage/frequency available), 15 amps with independent earthing on the wall socket.



Think Health ...
... Think **Fairy DR**

A.S.S.U.R.E

(Allengers Safety Standard for User from Radiation Emission)

A.S.S.U.R.E Protocols : All X-Ray based equipments involve some potential risk of radiation exposure. We, at Allengers understand your concerns. Allengers is fully committed towards radiation safety and care of its customers.

Allengers has introduced A.S.S.U.R.E Protocols, which is a step in the direction of delivering best possible image quality at lowest possible dose. Allengers products with A.S.S.U.R.E Protocols are carefully crafted to protect users and patients from unwanted leakages in the X-Ray equipment.

A.S.S.U.R.E version mentioned is based upon the ideal configurations and may change for desired models.

ALLENGERS MEDICAL SYSTEMS LTD.

S.C.O. 212-213-214, Sector 34-A, Chandigarh-U.T. 160 022 (India)

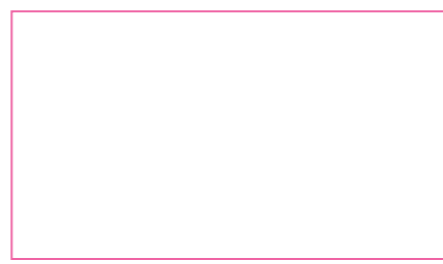
DOMESTIC SALES :

Ph : +91 172 6618000-99, 2621913 Fax : +91 172 2621912 E-mail : sales.enquiry@allengers.net

INTERNATIONAL SALES :

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AMSL/VOL-2(11/14)

For detailed technical specifications, please refer to the respective product data sheets / quotation.
Due to continuous product improvements, specifications and appearance are subject to change without prior notice.

Allengers

Passion for excellence



Fairy DR

Full Field Digital Mammography

Fight against breast cancer
through superb imaging



ABOUT US

Welcome to the world of Allengers, a world that understands your needs, a world that actually cares. Allengers, an Indian MNC, National Award Winner - Quality Products from the Prime Minister of India, is a leading manufacturer covering a wide spectrum of medical diagnostic equipments.

Huge advancements have taken place in last two decades in digital mammography. Allengers, years of expertise in imaging solutions, coupled with innovative research has resulted in providing a cost effective digital mammography machine for ensuring better health care for women.

Cost Effective Cost Effective and Faster Workflow

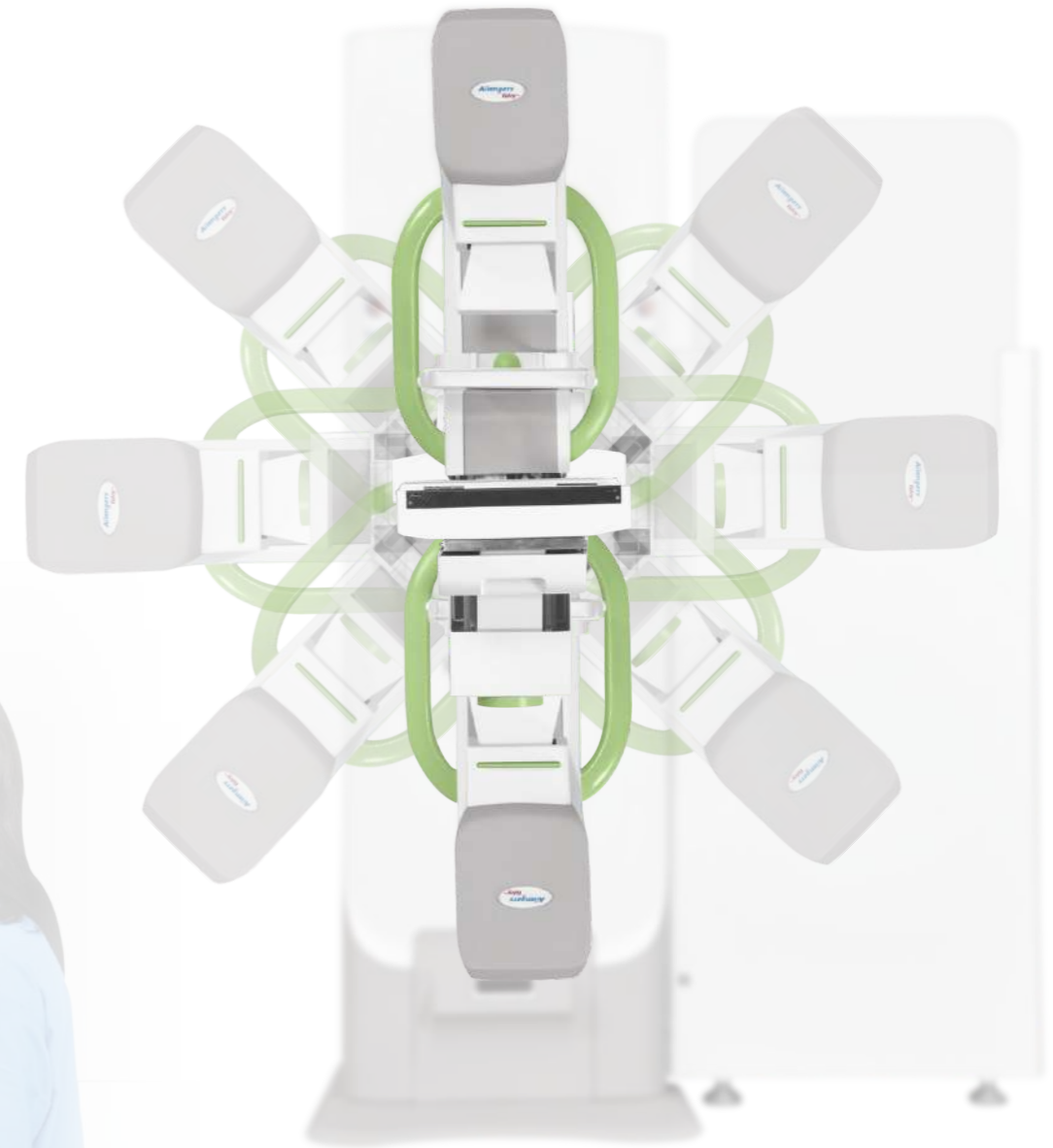


A mammography unit that turn faster workflow into high patient throughput.

- ◆ Zero point technique with digital AEC.
- ◆ Manual two point technique (KV, mAs).
- ◆ Anatomical Programming Radiography (APR) for different breast size.



ISOCENTRIC Isocentric Rotation



Isocentric Advantages at a Glance

- ◆ No need to reposition the patient - gantry up / down movement for taking different projections.
- ◆ Faster treatment.
- ◆ Gantry always rotates around the target.
- ◆ Motorized gantry movement for quicker positioning and operator convenience.
- ◆ More accurate and faster biopsy procedure.

Appealing Design Aesthetic Perfection

Exquisite
Imaging Ergonomics



Work Station
Compact work station

Compact work station and an appealing design - Fairy DR ideally suited for breast examinations.



Comfort and Care Ultimate Comfort and Utmost Care

This unit will help you to achieve your goals without compromising patient comfort and care.

Fairy DR is designed in such a way that provides fine balance between best patient care and safety. Its unique design ensures that the technologist is never far from the patient when operating the machine.

Features

Key Features

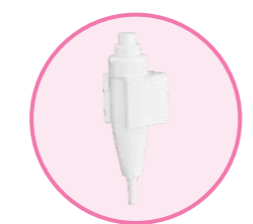
Gantry Rotation For Biopsy



Digital Stereotactic Biopsy System



Up / Down Movements
 Jerk free motorized up/down movements are controlled from foot switch for hand free operation.



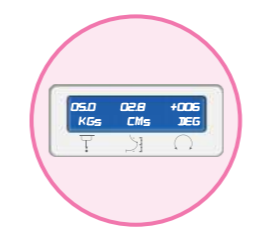
2 Step Exposure Switch



Emergency OFF & Gantry Control



Exposure with Magnification Device (1.5x or 1.8x)



Big LCD display for CBT, compression force & gantry angle



Digital Biopsy



Both Side Compression Control



Removable Compression Paddle



Exposure protection cone



Foot switch control for gantry



Bucky fitted with FPD

Work Flow

Digital Work Flow

(DICOM 3.0)



Communication

Seamless Communication

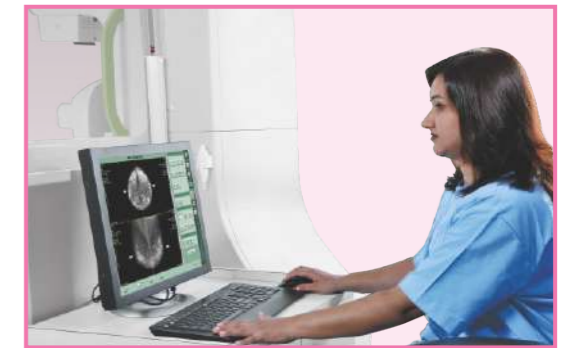


Image Processing and Quality Check

Produces quick and crystal clear results with unparalleled digital image quality.

Reading Process

Evaluate acquired images and prepare diagnostic reports. This machine is fully loaded with innovations that improves patient throughput with uncompromised image quality.



Best Patient Care

Specially designed compression paddles allows pressure to be evenly and gently distributed which not only reduces patient discomfort but also enhances image quality.



User Friendly

The low gantry positioning enables easy access even for wheel - chair patients.



Connectivity

Digital Connectivity

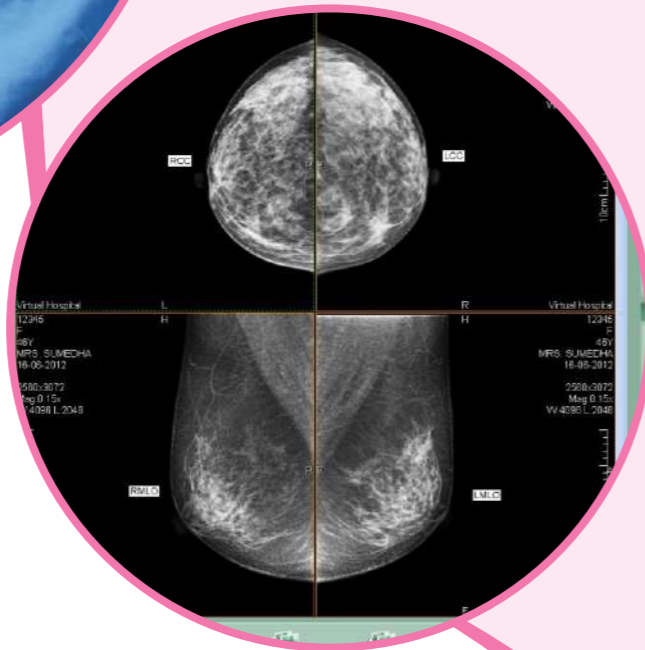
DICOM 3.0 connects Fairy DR with the outer world. Images and patient data can be shared / archived with RIS / HIS / PACS through the universally accepted protocol.



CAD Interface

CAD : Computer Aided Detection (Optional)

CAD makes cancer detection more accurate and eliminates human errors.



Imaging Software
Superb Mammography Imaging Software



LIVE HEALTHY
BEAT THE DISEASE
BEFORE IT'S TOO LATE