

# SMART RADIOGRAPHY SYSTEM

## ERAY SMART FLOOR MOUNTED



### WIDE APPLICATION IN

Clinics | Polyclinics | Nursing  
Homes | ICU | OT | Sports  
Centers | Trauma Centers



# ENHANCE YOUR WORKFLOW & EFFICIENCY

## General-Purpose Radiography System

The ERAY RAD Series is a state-of-the-art digital X-ray system that offers high-quality diagnostic imaging with minimal radiation exposure. Its compact and space-saving design allows for easy installation in small spaces, making it a perfect choice for clinics and private practices with limited space. Additionally, its patient-friendly design provides a comfortable environment for patients during examinations, contributing to an overall positive experience. With its advanced features and user-friendly interface, the ERAY RAD Series is a reliable and efficient digital X-ray system suitable for various clinical settings.

### SOFT HANDLING

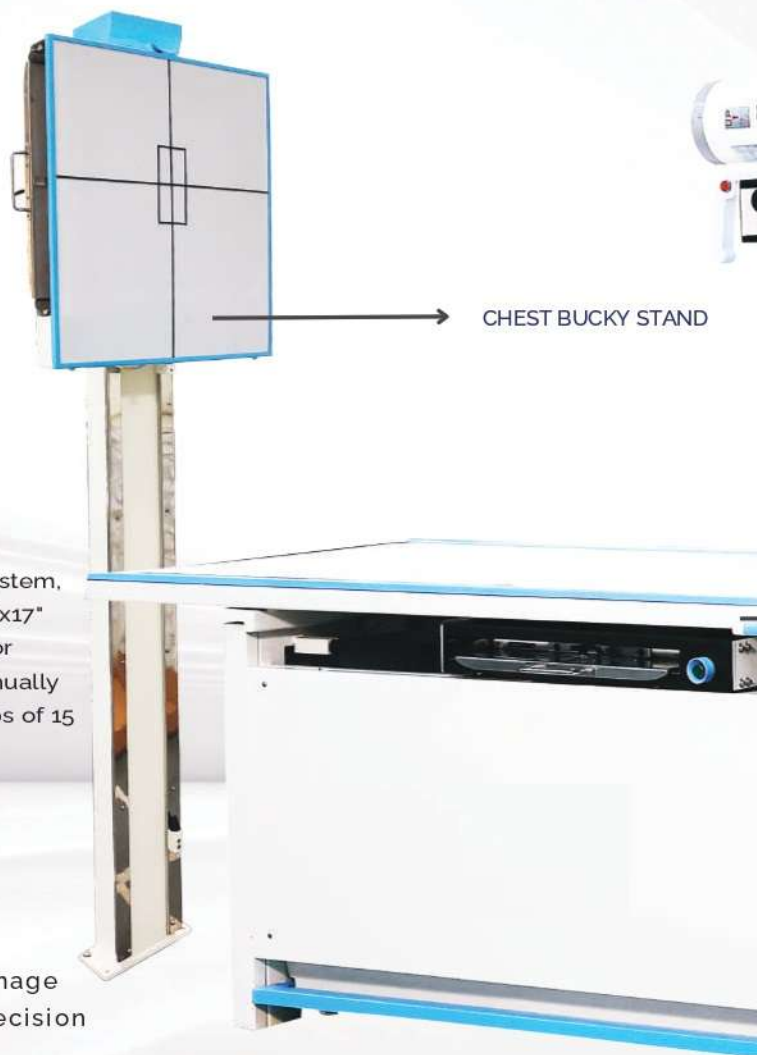
ERAY SMART offers soft handling, allowing the operator to move the tube head unit (THU) with minimal physical pressure, reducing fatigue.

### CONSISTENTLY CLEAR IMAGES

ERAY SMART provides dependable and excellent imaging for patients with diverse anatomical structures, ensuring consistently clear results with more than 1280 APR.

### VERTICAL CHEST BUCKY STAND

The floor-mounted chest bucky stand is a versatile and flexible system, designed for easy maneuvering and handling. Equipped with a 17"x17" dynamic flat panel detector, it can be used for lay down, upright, or oblique x-ray examinations. The chest bucky stand features a manually operated tilting design, which allows for easy adjustment in 6 steps of 15 degrees, catering to a wide range of radiography examinations.



Intuitive and  
easy-to-use design



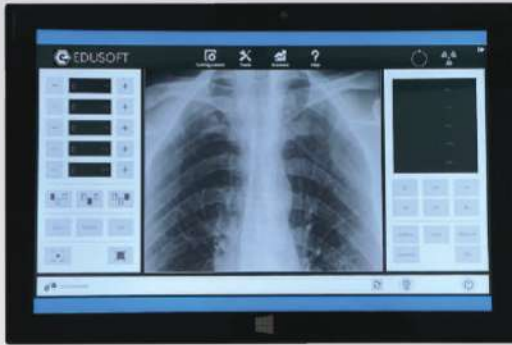
Exceptional image  
clarity and precision



Reliable and efficient  
performance with  
minimal downtime



Competitive and affordable  
pricing options



### TOUCH SCREEN TABLET

The system includes a 10" touch screen tablet that enables the operator to precisely position the 4-point display (kV, mA, mAs & Time) with ease. This feature allows the operator to focus on patient care, as the tablet can be easily reached.

### TRIMAX FLAT PANEL DETECTOR

TYPE	TRIMAX 35C (Focus 35C)
PIXEL SIZE	150 $\mu$ m
SCINTILLATOR	CsI
MATRIX SIZE	2k x 2k
WEIGHT	3.43 kg (7.56 lb)
IP RATING	IP44
IMAGE STORAGE	Upto 200 images





# Technical Highlights

## ERAY

MODEL	ERAY RAD 200 S	ERAY RAD 250 S	ERAY RAD 500 S	ERAY RAD 630 S
GENERATOR MODEL	EH 125-10 S	EH 125-20 S	EH 125-40 S	EH 125-50 S
POWER RATING	10 kW	20 kW	40 kW	50 kW
LINE NOMINAL, PHASE	Single Phase, 220 V, 50/60 Hz	Single Phase, 220 V, 50/60 Hz	Single Phase, 220 V, 50/60 Hz	Three Phase, 440 V, 50/60 Hz
LINE VOLTAGE RANGE	±10 % (50/60 Hz)			
kV RANGE	40 kV-125kV	40 kV-125kV	40 kV-125kV	40 kV-150 kV
mA RANGE	10 mA -200 mA	10 mA -250 mA	10 mA -500 mA	10 mA -630 mA
TIMER RANGE	0.001 sec- 10 sec			
mAs RANGE	0.1-100 mAs	0.1-200 mAs	0.1-320 mAs	0.4-800 mAs
MAX. POWER OUTPUT	125 kV 80 mA 100 kV 100 mA 80 kV 125 mA	125 kV 160 mA 100 kV 200 mA 80 kV 250 mA	125 kV 320 mA 100 kV 400 mA 80 kV 500 mA	125 kV 400 mA 100 kV 500 mA 79 kV 630 mA

## X-RAY TUBE

FOCAL SPOT SIZE	1.0/2.0 mm	1.0/2.0 mm	1.0/2.0 mm	0.6/1.5mm
MAX. ANODE KHU	140 KHU	140 KHU	140 KHU	200 KHU
MAX.kV	125 kV	125 kV	125 kV	150 kV

## ACCESSORIES

X-RAY TABLE	Horizontal Bucky Table Standard
MULTI-POSITION TABLE	4/6 way floating table (optional)
CHEST BUCKY STAND	Optional
ERAY LEAD APRONS (BARC Approved)	Optional

## Clinical Images



NOTE: For reference purpose only