

# SMART RADIOGRAPHY SYSTEM

ERAY SMART FLOOR MOUNTED 32~80kW



## 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

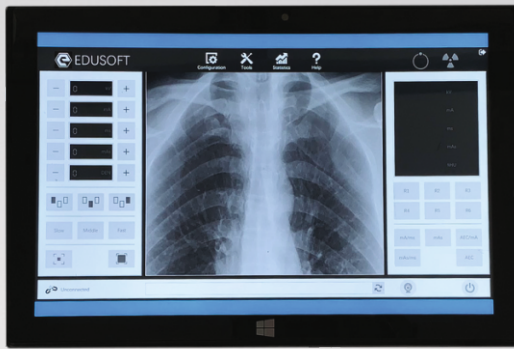
The floor-mounted chest bucky stand is a versatile and flexible system, designed for easy maneuvering and handling. Equipped with a 17"x17" dynamic flat panel detector, it can be used for lay down, upright, or oblique x-ray examinations. The chest bucky stand features a manually operated tilting design,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



## STANDARD FEATURES

- Digital display exposure parameters.
- Parameter increase / decrease switches
- Ready and X-Ray ON switch with indicators.
- Bucky selection switch
- A dual action hand switch with retractable cord for radiation protection of operator.





### X-RAY CONSOLE

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.

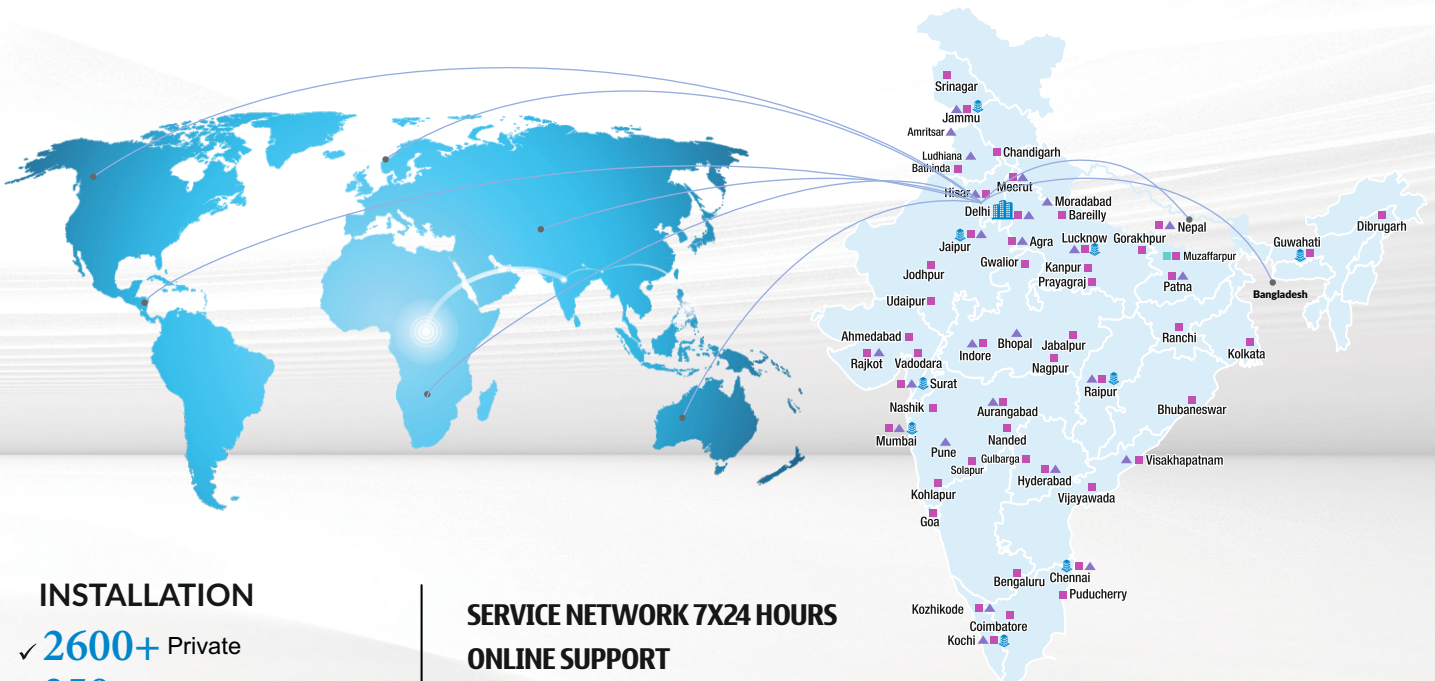


### THE HF ADVANTAGE

- ✓ Lower Radiation Doses
- ✓ Diagnostic Precision
- ✓ High Quality Images
- ✓ Less Skin Dose

## GLOBAL NETWORK

Edusoft Proudly Exporting to Many Countries Like GCC Bangladesh, Dubai, Nepal, Singapore, Indonesia, Malaysia, + Latin America, Philippines, Africa






### INSTALLATION

- ✓ **2600+** Private
- ✓ **350+** Government

**50+** Channel Partners / Dealers  
**37+** Field Service Engineers  
**50+** Sales + Mkts

### SERVICE NETWORK 7X24 HOURS ONLINE SUPPORT

-  Professional Training
-  Remote Support
-  Regular Visits

-  HEAD OFFICE
-  DEALERS
-  SERVICE ENGINEERS



# Technical Highlights

## ERAY X-RAY

MODEL	ERAY RAD 300S	ERAY RAD 500S	ERAY RAD 630S	ERAY RAD 1000S
GENERATOR (kW)	32kW	40kW	50kW	80kW
INVERTER FREQUENCY	220khz	220khz	220khz	220khz
LINE NOMINAL, PHASE	Three Phase, 380V, 50/60Hz	Three Phase, 380V, 50/60Hz	Three Phase, 380V, 50/60Hz	Three Phase, 380V, 50/60Hz
LINE VOLTAGE RANGE	±10% 50/60 Hz			
kV RANGE	40kV- 125kV	40kV- 125kV	40kV~150kV	40kV~150kV
mA RANGE	10mA-300mA	10mA-500mA	10mA-630mA	10mA-1000mA
TIMER RANGE	0.01sec-10sec			
mAs RANGE	0.1-320mAs	0.1-320mAs	0.1-320mAs	0.1-320mAs
MAX. POWER OUTPUT	125kVp~250mA 100kVp~320mA	150kVp~260mA 80kVp~500mA	150kVp~333mA 80kVp~630mA	150kVp~660mA 80kVp~1000mA

## 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	140kHU & Better	140kHU & Better	140kHU& Better	200kHU& Better
MAX.kV	125kV	125kV	150kV	150kV

## ACCESSORIES

X-RAY TABLE (Standard)	Horizontal Bucky Table
X-RAY TABLE (Optional)	Multi-Position
VERTICAL BUCKY	Tilting (0° to 90° & -20°)
CHEST BUCKY STAND	Optional
X-RAY ACCESSORIES	Optional

## Clinical Images



NOTE: \*For reference purpose only

### Edusoft Healthcare Pvt. Ltd.

B-83, Phase-II, Mangolpuri Industrial Area, New Delhi-110034, India

[ceo@edusofthealth.com](mailto:ceo@edusofthealth.com)

1800-120-280-280

+91 8851248073, +91 8826066621

- Noida • Lucknow • Chandigarh • Pune • Bhopal • Chennai • Bengaluru • Kolkata • Patna • Bhopal
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