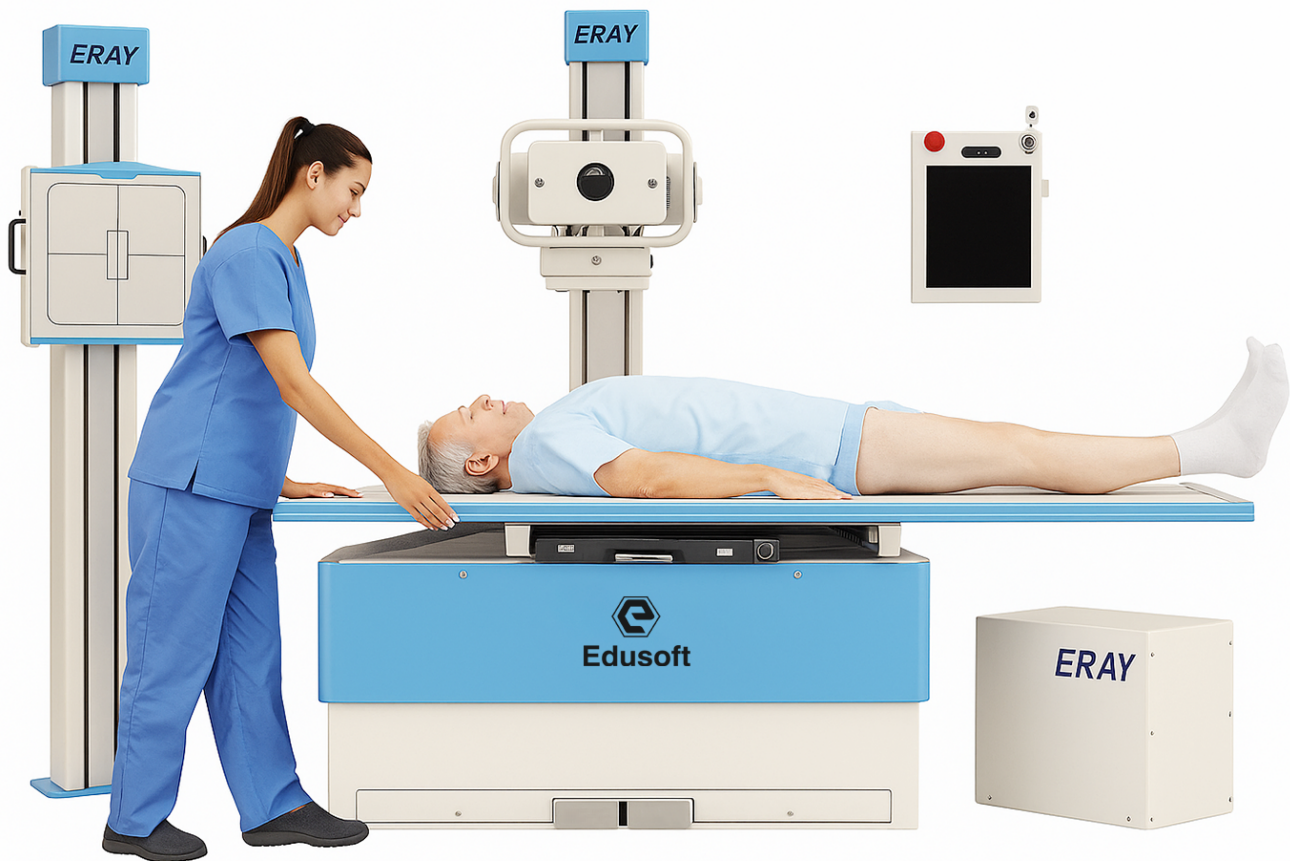


DIGITAL X-RAY SYSTEM

ERAY SMART FLOOR MOUNTED 10~80kW



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.

PERFORMANCE HIGHLIGHTS

DIGITAL CONTROL PANEL

Intuitive digital display for exposure parameters with smooth increase/decrease switches for precise adjustments.

SAFETY INDICATORS

Ready and X-Ray ON indicators ensure clear visual confirmation of system status, enhancing safety and operator confidence.

BUCKY SELECTION SWITCH

Simple and reliable switch for seamless workflow during radiographic procedures.

DUAL-ACTION HAND SWITCH

Ergonomically designed with a retractable cord, offering smooth operation and enhanced radiation protection for the operator.

SOFT HANDLING

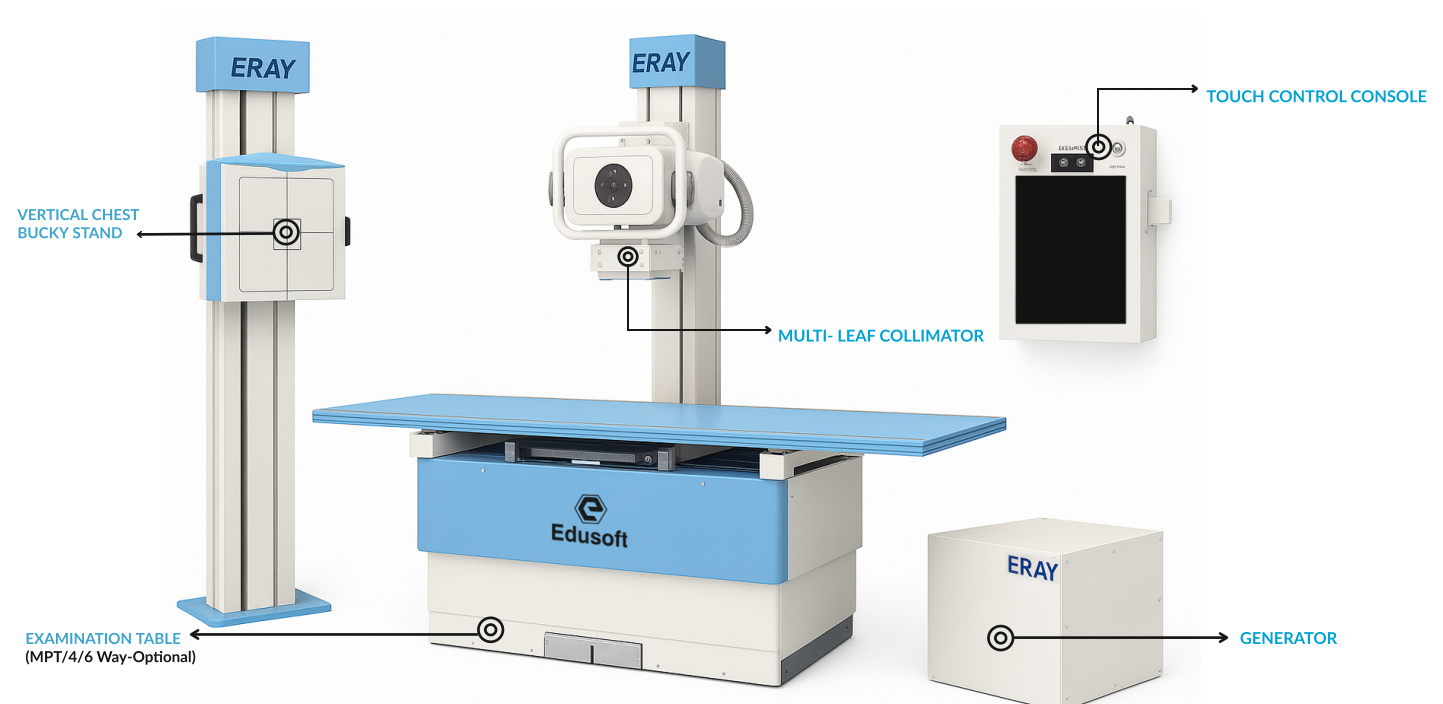
Tube Head Unit (THU) engineered for effortless movement with minimal physical effort, reducing operator fatigue during long shifts.

CONSISTENTLY CLEAR IMAGING

Equipped with advanced imaging technology and more than 1280 Anatomical Program Radiography (APR) options, delivering sharp, dependable, and high-quality images across all patient anatomies.

VERSATILE CHEST BUCKY STAND

Floor-mounted, robust, and flexible stand with a large 17" x 17" dynamic flat panel detector, supporting lay-down, upright, or oblique examinations. Features a manually operated tilting design adjustable in 6 steps of 15° each for wide-ranging radiography needs.





TOUCH CONTROL CONSOLE

The compact, wall-mounted Touch Control Console is equipped with a 10" touch screen tablet that displays kV, mA, mAs, and Time with clarity and precision. Its intuitive interface allows radiology staff to position and manage imaging effortlessly, while the ergonomic placement ensures quick access without disrupting patient care. With its sleek, space-saving design, the console integrates seamlessly into any radiology room, delivering superior efficiency, accuracy, and operator comfort.



COMPLETE RADIOGRAPHY UPGRADE

Unlock the power of a fully digital radiography ecosystem by transforming your Fixed X-Ray system into a modern, high-performance solution. Designed to accelerate workflow, boost productivity, and elevate patient care standards, this upgrade ensures your facility is ready for the future of imaging.

With Edusoft's integrated offering, you can seamlessly combine:

- **FIXED X-RAY MACHINE**

A reliable and powerful imaging foundation

- **CR / DIGITAL DETECTOR**

Flexible upgrade options for instant digital imaging

- **X-RAY PRINTER & FILMS**

Premium-quality printing for reporting and archiving

This all-in-one solution enables healthcare providers to set up a complete digital radiography suite easily and affordably, ensuring speed, efficiency, and uncompromised image quality—all in one package.



Technical Highlights

ERAY X-RAY

MODEL	ERAY RAD 200S	ERAY RAD 250S	ERAY RAD 300S	ERAY RAD 500S	ERAY RAD 630S	ERAY RAD 1000S
X-RAY GENERATOR	High Frequency					
GENERATOR (kW)	10kW	20kW	32kW	40kW	50kW	80kW
INVERTER FREQUENCY	220khz	220khz	220khz	220khz	220khz	220khz
LINE NOMINAL, PHASE	Single / Three Phase 230V/380V, 50/60Hz	Single / Three Phase 230V/380V, 50/60Hz	Single / Three Phase 230V/380V, 50/60Hz	Single / Three Phase 230V/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- 125kV	40kV- 125kV	40kV~150kV	40kV~150kV
mA RANGE	10mA-200mA	10mA-250mA	10mA-300mA	10mA-500mA	10mA-630mA	10mA-1000mA
TIMER RANGE	0.01sec-10sec					
mAs RANGE	0.1-200mAs	0.1-250mAs	0.1-320mAs	0.1-500mAs	0.1-630mAs	0.1-1000mAs
MAX. POWER OUTPUT	125kVp~80mA 100kVp~100mA	125kVp~160mA 100kVp~200mA	125kVp~250mA 100kVp~320mA	125kVp~320mA 100kVp~400mA	150kVp~333mA 100kVp~500mA	150kVp~660mA 100kVp~800mA

X-RAY TUBE


FOCAL SPOT SIZE	1.0/2.0 mm	1.0/2.0 mm	1.0/2.0 mm	1.0/2.0 mm	0.6/1.5mm	0.6/1.2mm
MAX. ANODE kHU	140kHU	140kHU	140kHU	140kHU	200kHU	300kHU 400kHU(Optional)
MAX.kV	125kV	125kV	125kV	125kV	150kV	150kV

ACCESSORIES


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


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