

HF MOBILE X-RAY

FAST, SAFE, RELIABLE AND DIGITALLY COMPACT



FOR HUMAN
AND VETERINARY



HF MOBILE X-RAY

RELIABLE IMAGING SOLUTION FOR HUMAN & VETERINARY CARE

The HF Mobile X-Ray is an ergonomic, high-quality, high-frequency radiography solution with advanced low-dose imaging capability. Designed to meet the needs of both human and veterinary healthcare, it provides reliable imaging even in challenging scenarios.

For human care, it is well-suited for patients who are overweight, have breathing difficulties, or require imaging in traumatic and pediatric cases where patient movement is hard to control. For veterinary use, it offers the flexibility to image animals of different sizes and conditions with minimal stress and maximum safety.

Its versatility makes it an ideal solution for patient wards, intensive care units, operating rooms, and veterinary clinics or hospitals, delivering accurate and efficient diagnostic imaging in demanding environments.



PERFORMANCE HIGHLIGHTS

POWERFUL OUTPUT

With a 5/6 kW generator, ERAY HF Mobile X-Ray meets the imaging requirements of all major body parts—including the spine—ensuring dependable performance across diverse radiographic needs.

COMPACT DESIGN

Streamlined and space-saving structure, engineered for easy installation and smooth mobility in any clinical setting.

EFFORTLESS MOBILITY

Lightweight yet robust stand with large, durable wheels designed to handle varied road and floor conditions. Radiologists and technologists can maneuver and transfer the unit effortlessly.

USER-FRIENDLY INTERFACE

Clear digital display with intuitive controls for kV, mA, mAs, and APR settings, enabling fast and precise adjustments during examinations.

FLEXIBLE POSITIONING

The stand's all-round adjustable design ensures wide-angle coverage and convenient positioning, supporting comprehensive clinical imaging with ease.

EXCELLENT IMAGING ACROSS ANATOMICAL REGIONS

From head to toe, the HF Mobile X-Ray machine delivers exceptional imaging quality across various anatomical regions, ensuring accurate diagnostics and comprehensive coverage.

OPERATOR-FRIENDLY CONTROL PANEL



Machine ON/OFF Switch



kV & mAs Increase/ Decrease Switches



Digital Displays of kV & mAs



Bucky Selection Switch



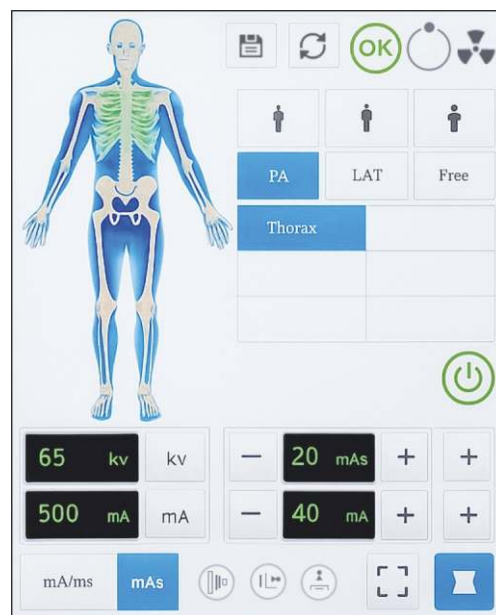
Collimator Lamp 'ON' Switch with Auto Shut-Off



X-Ray ON Indicator



Self-Diagnostic Alerts for System Errors



Technical Highlights

ERAY

MODEL	ERAY SMART 5T	ERAY SMART 6T	ERAY SMART 7T
ANODE TYPE	Stationary Anode	Stationary Anode	Stationary Anode
MAIN SUPPLY	Single phase, 220v, 50/60Hz	Single phase, 220v, 50/60Hz	Single phase, 220v, 50/60Hz
MAIN FUSE	16 Amp	16 Amp	16 Amp
DETECTOR STORAGE	One	One	One
WEIGHT	Up to 100kg	Up to 100kg	Up to 100kg
HANDSWITCH WITH RELEASE BUTTON	Yes	Yes	Yes
INV. FREQUENCY	Up-to 250KHz	Up-to 250KHz	Up-to 250KHz

GENERATOR

TYPE	High - Frequency	High - Frequency	High - Frequency
POWER	5kW	6kW	7kW
mAs RANGE	0.1-320 mAs	0.1-320 mAs	0.5-320 mAs
kV RANGE	40-125KV	40-125KV	40-125KV
mA RANGE	5-100 mA	5-100 mA	5-150 mA
EXPOSURE TIMES	Upto10 secs	Upto10 secs	Upto10 secs
COLLIMATOR	360° Rotatable with SID 100cm /43cm X 43cm		

TUBE

FOCAL SPOT	0.6mm/1.8mm	0.6mm/1.8mm	2.0mm
ANODE HEAT STORAGE CAPACITY	42kHU	42kHU	42kHU

Clinical Images*



NOTE: *For reference purpose only

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