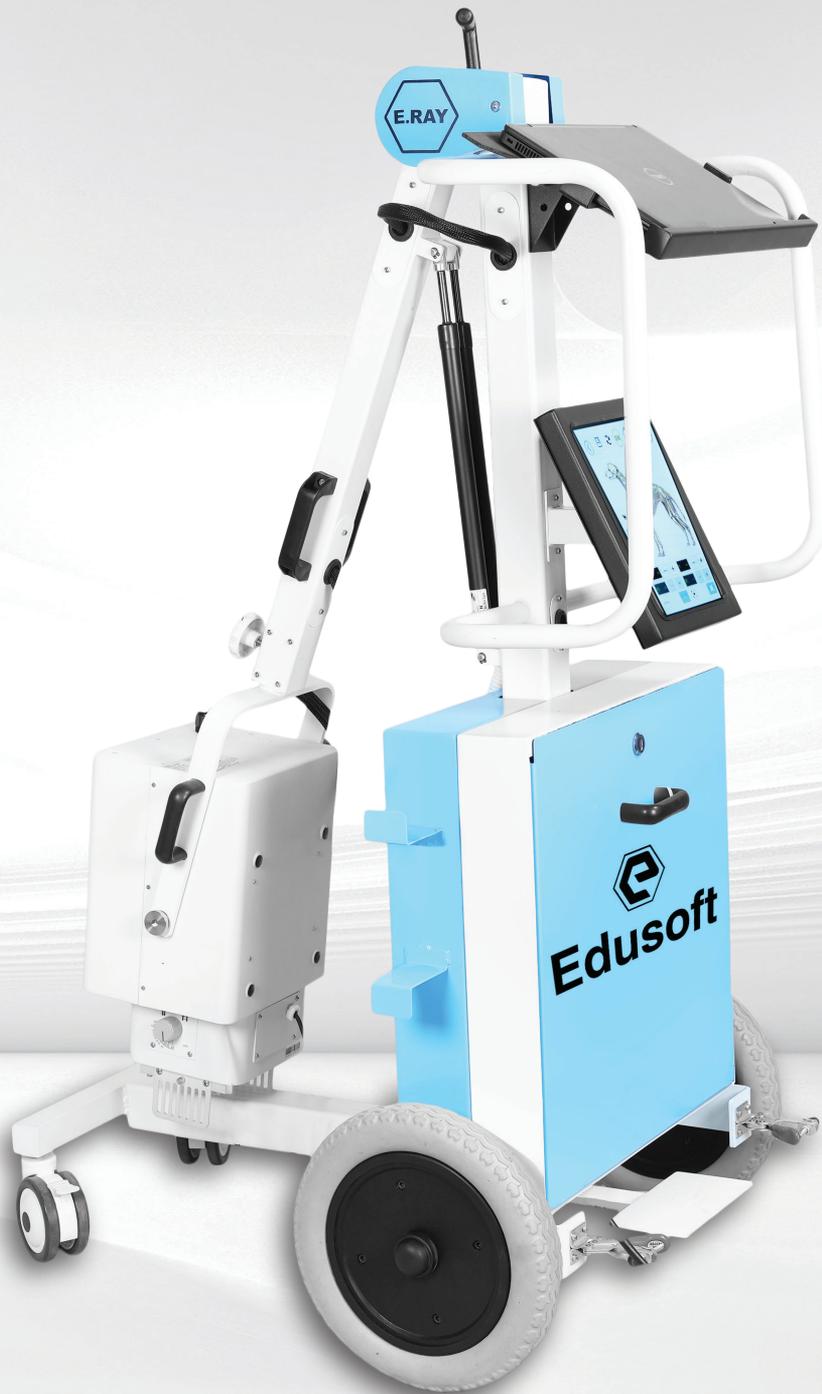


# HF MOBILE X-RAY: 100 mA

FAST, SAFE, RELIABLE AND DIGITALLY COMPACT



FOR HUMAN  
AND VETERINARY



# The HF MOBILE X-RAY: 100 mA

is an ergonomic and high-quality mobile X-Ray solution with low dose imaging capability. It is designed to handle challenging situations, such as patients who are overweight or have difficulty breathing, as well as traumatic or pediatric cases where patient movement is uncontrolled.



**HIGH IMAGING POWER**  
for high image quality

**COUNTERBALANCED ARM**  
allows great freedom of movement

**LAPTOP HOLDER**  
for digital working

**10" WINDOW BASED TOUCH CONSOLE**  
User friendly display- kV, mA, mAs & APR

**DR PANEL SOFT PROTECTION COVER**  
for easy storage

**TWO-SIDED BRAKES**  
for locking system

## HF MOBILE X-RAY: 100 mA

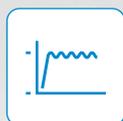
The HF MOBILE X-RAY: 100 mA unit is fitted with a high-frequency generator that maintains a constant potential. X-rays are produced at the "surge" stage, resulting in a higher average energy output. This process minimizes scatter radiation and reduces exposure times, resulting in:

- Superior Image quality
- Reduced Dose to Patient & Technician
- Shorter Breath Hold
- Less Patient Movement

**A 100mA X-Ray that offers excellent imaging across anatomical regions. It is also 40% quicker!**



Compact & Light weight Design



Upto 250 kHz High Frequency Generator



4/5/6 kW Generator Output



Smaller Focal Spot (1.8mm<sup>2</sup>) for superior image quality



>200 pre-programmable setting (APC)



Error indicator to minimize downtime

## ERAY FLAT PANEL DETECTOR

EDUSOFT and its technology partner PIXXGEN have been a pioneer in introducing innovative technologies for flat-panel detectors. From Auto Exposure Detection technology introduced in 2011, Its technology partner PIXXGEN has equipped the new technologies with a flatpanel detector such as a 17x17-inch cassette-sized detector, onboard storage, and web-viewer. These technologies introduced by PIXXGEN now became the standard features of the industry for the most of products available in the market. ERAY Prudent series detectors are once again built on the technologies one step ahead to contribute high sensitivity, high performance and high reliability flat-panel for imaging professionals. Various imaging sizes with robust and ergonomic design will allow the professionals to use the detector at any environment.

<b>ACTIVE DISPLAY AREA</b>	17"x17"
<b>MATRIX SIZE</b>	3k x 3k
<b>SCINTILLATOR</b>	CsI
<b>GREY SCALE</b>	16 bit
<b>PIXEL</b>	140 µm
<b>INTERNAL STORAGE</b>	<150 images
<b>PANEL WEIGHT</b>	3.0kg
<b>WEIGHT BEARING</b>	<180kg
<b>IP RATING</b>	IP55
<b>SOURCE</b>	Made in Korea



# Technical Highlights

## ERAY

MODEL	ERAY SMART 4T	ERAY SMART 5T	ERAY SMART 6T
ANODE TYPE	Stationary Anode	Stationary Anode	Stationary Anode
DIMENSIONS - IN OPERATION	1350mm x 650mm x 2100mm	1350mm x 650 mm x 2100 mm	1350mm x 650 mm x 2100 mm
DIMENSIONS - PACKING/ TRANSPORT	1050 mm x 750 mm x 1650 mm	1050 mm x 750 mm x 1650 mm	1050 mm x 750 mm x 1650 mm
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
SOURCE TO FLOOR DISTANCE	400 mm - 1950 mm	400 mm - 1950 mm	400 mm - 1950 mm
HANDSWITCH WITH RELEASE BUTTON	Yes	Yes	Yes
INV. FREQUENCY	Up-to 250KHz	Up-to 250KHz	Up-to 250KHz

## GENERATOR

TYPE	HF	HF	HF
POWER	4kW	5kW	6kW
mAs RANGE	0.1-320 mAs	0.1-320 mAs	0.1-320 mAs
kV RANGE	40-125kV	40-125kV	40-125kV
mA RANGE	5-100 mA	5-100 mA	5-100 mA
EXPOSURE TIMES	Max.10 secs	Max.10 secs	Max.10 secs

## TUBE

FOCAL SPOT	0.6mm/1.8mm	0.6mm/1.8mm	0.6mm/1.8mm
ANODE HEAT STORAGE CAPACITY	30kJ	30kJ	30kJ

## Clinical Images



NOTE: \*For reference purpose only

## Edusoft Healthcare Pvt. Ltd.

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

care@a2zok.com

1800-120-280-280, +91 8851-248073

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

Copyright © 2023 Edusoft Healthcare Pvt. Ltd. All rights reserved. Specifications and designs are subject to change without notice. Non-metric weights and measurements are approximate. All data were deemed correct at time of creation. Edusoft is not liable for errors or omissions. All brand, product, service names and logos are trademarks and/or registered trademarks of their respective owners and are hereby recognized and acknowledged.



Scan Code or visit  
www.edusofhealth.com  
to learn more