

# INTEGRATED DIGITAL MOBILE X-RAY



OUTSTANDING DRIVING &  
EXCEPTIONAL MANEUVERABILITY



## INTEGRATED DIGITAL MOBILE X-RAY

Experience a new era in medical imaging with our Integrated Digital Mobile X-ray solutions. At Edusoft, we are dedicated to pushing the boundaries of technology to enhance patient care and diagnostic capabilities. Our innovative X-ray systems offer high-performance imaging, exceptional mobility, and user-friendly features, making them ideal for a wide range of healthcare settings. Join us in the pursuit of excellence and embark on a journey that redefines the future of mobile radiography.

# EXCEPTIONAL DRIVING AND SUPERIOR OPERABILITY

### •EASY POSITIONING

The counterbalance system ensures smooth and accurate positioning, supporting fine positioning and multidirectional radiography with ease.

### •ANATOMICAL DETAILS WITH HIGH IMAGE QUALITY

To make fast and confident diagnostic decisions, you need high and reproducible image quality. It offers highend imaging, automated workflows, and advanced postprocessing technologies.





## •CONVENIENT USAGE WITH 14" LCD TOUCH DISPLAY

The 14" LCD touch display is convenient to use, with an i5/i7 processor, 8GB RAM, up to 1TB solid-state drive and inbuilt edusoft image acquisition software.

## •DAILY-USE DESIGN

Designed for daily use, the unit includes a slit for holding the wireless flat panel detector vertically while putting a sterile cover on the unit.



ACTIVE DISPLAY AREA	14"x17"	17"x17"
MATRIX SIZE	3.5k x 4k	3k x 3k
SCINTILLATOR	CsI	CsI
GREY SCALE	16 bit	16 bit
PIXEL	100 μm	140 μm
INTERNAL STORAGE	<200 images	>200 images
PANEL WEIGHT	3.0kg	3.0kg
WEIGHT BEARING	<180kg	<180kg
IP RATING	IP67	IP67
SOURCE	Made in Korea	

## •NATURAL AND EASY MANEUVERABILITY

The ERAY SMART 6i power-assist function enables intuitive maneuverability by responding naturally to light pressure on the drive handle. This integrated digital mobile X-ray achieves exceptional handling when navigating around the wards, with unrivaled turning and maneuverability.

# Technical Highlights

## X-RAY GENERATOR

GENERATOR TYPE	High Frequency	High Frequency
POWER OUTPUT	4kW	6kW
INPUT VOLTAGE	220VAC 10%, 50/60Hz	220VAC 10%, 50/60Hz
kV RANGE	40~125kV	40~125kV
mA RANGE	5~100mA/150mA 150mA @40kV/150mA/100ms	5~100mA/150mA 150mA @40kV/150mA/100ms
mAs RANGE	0.1~320mAs	0.1~320mAs
EXPOSURE TIME	2ms~10000ms	2ms~10000ms
X-RAY TUBE	Stationary Anode	Stationary Anode
FOCAL SPOT	2.0mm	2.0mm
DR MOBILE X-RAY WEIGHT	100kg max.	100kg max.

## Clinical Images



NOTE: \*For reference purpose only

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