

# ULTRA PORTABLE X-RAY

THE FUTURE OF HANDHELD RADIOGRAPHY



# HIGHLIGHTED SPECS OF ERAY SMART 5HS



## FEATURES THAT EMPOWER CARE



### HIGH PERFORMANCE IMAGING

Delivers up to 80kW/SmA output for sharp, high-resolution diagnostic images



### WIRELESS OPERATION

Cord-free design for true mobility and flexible clinical workflow.



### ULTRA-LIGHTWEIGHT & PORTABLE

Weighing less than 4 kg designed for effortless mobility and easy operation.



### FAST WORKFLOW

Instant image preview and seamless integration with DR systems.



### SMART SAFETY SYSTEM

Integrated shielding and intelligent exposure control for safer Imaging practices.



### MULTI-LANGUAGE INTERFACE

Supports English, Hind and Tamil for user convenience



### PRECISION DOSE MONITORING

Integrated DAP Meter helps monitor and manage radiation exposure efficiently



### REMOTE CONTROL ENABLED

Supports remote operation for enhanced safety and workflow flexibility

## ERAY Gold FLAT PANEL DETECTOR & ERAY IMAGESUITE ACQUISITION SOFTWARE

Edusoft Healthcare proudly launches ERAY ImageSuite, our proprietary image acquisition software designed to increase productivity by 1.5x, enhance patient care, and eliminate downtime while securing patient data. With features like Auto stitching, DICOM printing, hardware integration, and advanced chiropractic tools, ERAY ImageSuite redefines efficiency and functionality.

For the first time in India, the software integrates CXR TB Screening AI, Bone Fracture AI, and Bone Suppression AI, (as an optional features) making it the most intelligent and versatile imaging solution with unmatched image quality and advanced AI capabilities.

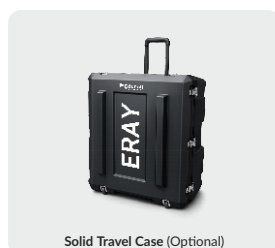
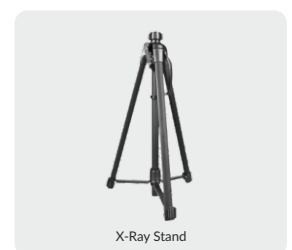
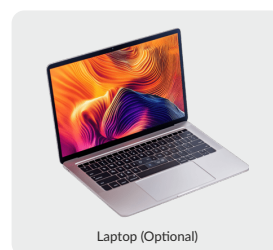
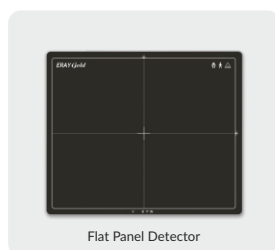
Paired with the ERAY Gold Premium Detector, which offers lightweight design, extended battery support, and seamless connectivity, the ERAY ImageSuite sets a new benchmark in medical imaging excellence.

### FLAT PANEL DETECTOR (ERAY GOLD)

ACTIVE DISPLAY AREA	14"x17" / 17"x17"
DIMENSION	383 x 460 x 15mm / 460 x 460 x 15mm
MATRIX	2.5k x 3k / 3k x 3k
SCINTILLATOR	CsI / GOS
GREY SCALE	16 bit
PIXEL	140 µm
INTERNAL STORAGE	Upto 200 images
PANEL WEIGHT	upto 3kg / upto 3.5kg
FACE LOAD/POINT LOAD	300kg / 120 kg
IP RATING	IP56
SPATIAL RESOLUTION	3.5lp/mm
DQE at 0.5lp/mm	70%
MTF at 0.5lp/mm	Upto 86%



## X-RAY KIT (Including Accessories)





# Technical Highlights


MODEL	ERAY SMART 5HS	
X-RAY GENERATOR	POWER OUTPUT	Upto 450W
	Kv RANGE	50 - 80kV (1 step, Variable)
	mA RANGE	2mA - 5mA (1 step, Variable)
	mAs RANGE	0.01 - 10mAs
	EXPOSURE TIME	0.01 sec to 2 sec
COLLIMATOR	SID	43cm x 43cm @100cm SID
	LIGHT SOURCE	LED Lamp
	BEAM LIMITING & CENTERING ARRANGEMENT	Available
X-RAY TUBE	FOCAL SPOT	0.8 mm
	TARGET ANGLE	16 degrees
	ANODE HEAT STORAGE CAPACITY	8000 J /(10000 HU)
	INHERENT FILTRATION	2.5mm Al Eq
POWER REQUIREMENT	LI-POLYMER BATTERY	22.2VDC, 2,250mAh
	NUMBER OF EXPOSURES	About 150 Times (70 kV, 5mAs)
	AC POWER ADAPTER	AC 100-240V, 50/60Hz (25.2V / 1.5A)
	CHARGING TIME OF BATTERY	Upto 4 hours
WEIGHT	MAIN BODY	Less than 4kg
SIZE	MAIN BODY	249mm x 194mm x 194mm
DISPLAY SCREEN(7Inch)	SCREEN-APR BASED EXPOSURE SETTINGS	Available
	DISPLAY OF kV, mA, mAs, EXPOSURE TIME & BATTERY CHARGER INDICATOR	Available
	ERROR MESSAGES	Available
	LANGUAGES	English, Hindi & Tamil
	DAP	Available
	LOW BATTERY CUTOFF FUNCTION	Available
WARRANTY	1 Year	

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