

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/5mA output for sharp, high-resolution diagnostic images



ULTRA-LIGHTWEIGHT & PORTABLE

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



SMART SAFETY SYSTEM

Integrated shielding and intelligent exposure control for safer Imaging practices.



PRECISION DOSE MONITORING

Integrated DAP Meter helps monitor and manage radiation exposure efficiently



WIRELESS OPERATION

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



FAST WORKFLOW

Instant image preview and seamless integration with DR systems.



MULTI-LANGUAGE INTERFACE

Supports English, Hindi and Tamil for user convenience



REMOTE CONTROL ENABLED

Supports remote operation for enhanced safety and workflow flexibility

ERAY IMAGESUITE ACQUISITION SOFTWARE (CDSKO APPROVED)

Edusoft Healthcare proudly launches ERAY ImageSuite (CDSKO Approved), 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 may integrates CXR TB Screening AI, Bone Fracture AI, and Bone Suppression AI, making it the most intelligent and versatile imaging solution with unmatched image quality and advanced AI capabilities available on demand.

Paired with the ERAY Gold Detector 14C/17C, which offers lightweight design, extended battery support, and seamless connectivity, the ERAY ImageSuite sets a new benchmark in medical imaging excellence.

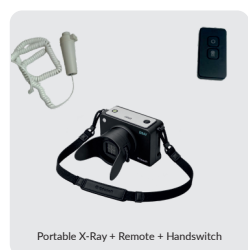


FLAT PANEL DETECTOR (ERAY GOLD)

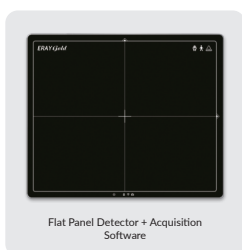
MODEL	ERAY GOLD 14C	ERAY GOLD 17C
ACTIVE DISPLAY AREA	14"x17" & 2.5k X 3k	17"x17"& 3k X 3k
DIMENSION	383 x 460 x15mm	460 x 460 x 15 mm
SCINTILLATOR	CsI / GOS	
GREY SCALE	16 bit	
PIXEL	140 µm	
INTERNAL STORAGE	Upto 200 images	
PANEL WEIGHT	2.7kg	3.2 kg
IP RATING	IP56	
SPATIAL RESOLUTION	3.5lp/mm	
DQE at 0.5lp/mm	More than 70%	
MTF at 0.5lp/mm	More than 80%	
DROP HEIGHT	1 Meter	
Transmission Power	5GHz 17dBm	



X-RAY KIT (Including Accessories)



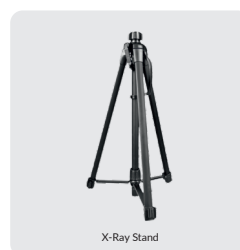
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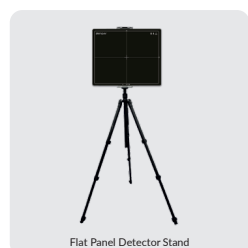
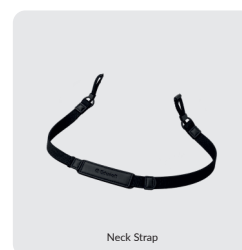
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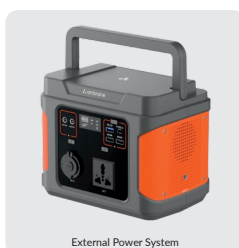
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Technical Highlights

MODEL	ERAY SMART 5HS	
X-RAY GENERATOR	POWER OUTPUT	Upto 450W
	Kv RANGE	40 - 80kV (1kV step)
	mA RANGE	2mA - 5mA (1mA step)
	mAs RANGE	0.02 - 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
	Pb LINE	2mm
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
	LOW BATTERY CUTOFF FUNCTION	Available
WARRANTY	1 Year	

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