

# PORTABLE (HAND HELD) X-RAY ERAY SMART-5HS



## ERAY SMART-5HS

is 3.5 kg in weight. Faster imaging is possible thanks to its portable design, which makes it simple to transport into patients' homes and other locations with limited space. Mounting the ERAY SMART-805 on its support stand is quick and easy because to its light weight and good usage. The main unit's side may accommodate the hand switch. This decreases the difficulty of carrying and the possibility of losing the hand switch. More lightweight than ever is the internal lithium polymer battery. can operate without electricity in conditions where they can capture up to 100 images\* on a single charge.



LIGHTWEIGHT & EASY TO MOUNT ON  
IT'S SUPPORT STAND

HIGHLY DURABLE LED  
LIGHT SOURCE

EASY-MAINTENANCE  
DESIGN

EXCELLENT PORTABILITY,  
ENABLING USE IN PATIENT'S HOME

USER-FRIENDLY BUTTON  
LAYOUT

● BLACK  
● WHITE

### Can be used in various medical treatment settings\*

\* Please confirm the local regulation regarding the usage environment.



AT PATIENTS' HOMES OR  
IN ELDER-CARE FACILITIES



AT EMERGENCY OR  
NATURAL DISASTER SITES



FOR COMBINED USE  
AT CLINICS

# AI-EMPOWERED DIGITAL RADIOGRAPHY

## Target Abnormalities for using AI

### CONTAGIOUS DISEASE

Tuberculosis

### LUNG ABNORMALITIES

Atelectasis

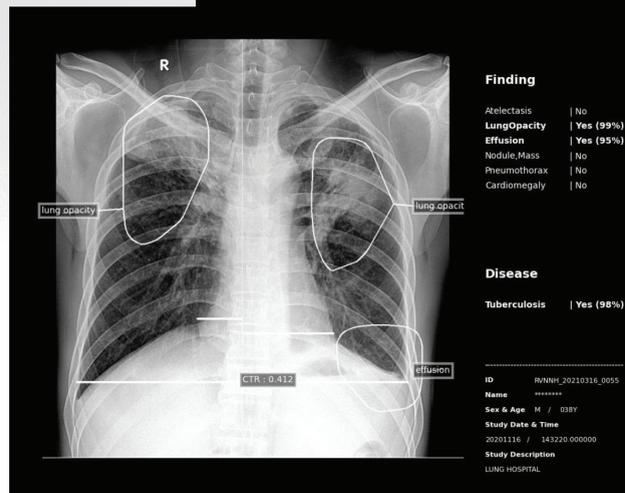
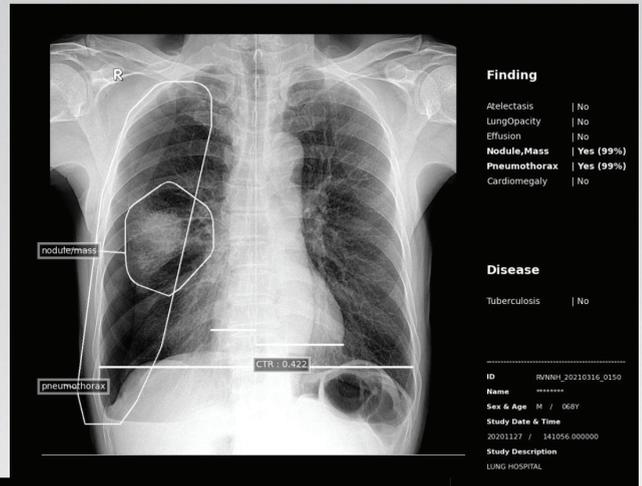
Lung Opacity (Consolidation, Infiltration)

Pleural Effusion

Nodule/Mass

### CARDIOVASCULAR

Cardiothoracic Ratio & Cardiomegaly



TUBERCULOSIS AI ACCURACY

>95%

## PEDRA-1414MC FLAT PANEL DETECTOR

EDUSOFT, in collaboration with its technology partner RadiSen, has been at the forefront of revolutionizing the field of panel detectors with the introduction of AI-based technologies. With a deep understanding of the evolving needs of the radiology industry, EDUSOFT is committed to pushing the boundaries of imaging technology to enhance diagnostic accuracy and patient care. These detectors combine high-resolution imaging capabilities with advanced AI algorithms, enabling radiologists to make more confident diagnoses and treatment decisions.

ACTIVE DISPLAY AREA	14"x17"
MATRIX SIZE	347.8 x 425.04mm
SCINTILLATOR	CsI
GREY SCALE	65536
PIXEL	140 μm
INTERNAL STORAGE	<150 images
PANEL WEIGHT	3.0 Kg
WEIGHT BEARING	<180kg
IP RATING	IP55
WIRELESS	Max. 1 Pack(battery/11.8V/ 4 hour)

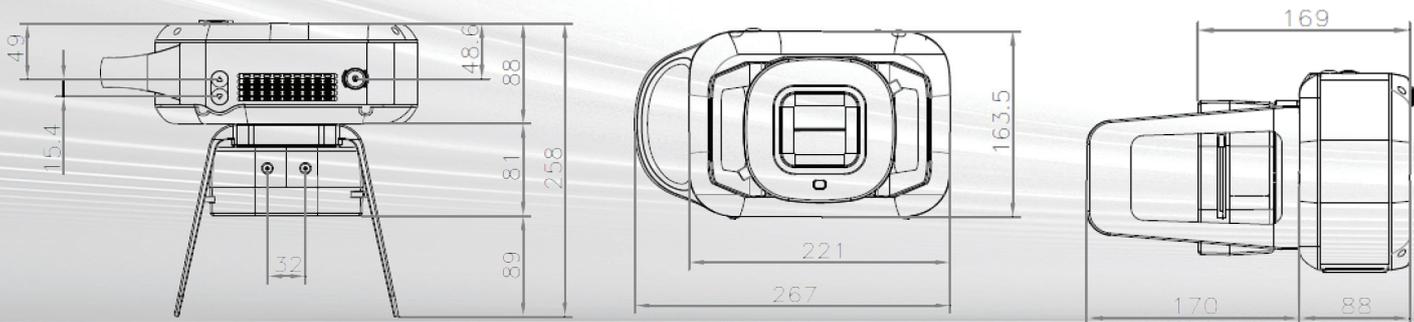


# Technical Highlights

## ERAY SMART-5HS

X-RAY GENERATOR	TYPE	MEDICAL
	Power Output	400 W
X-RAY PERFORMANCE	Tube Voltage	50~80kV (1kV step)
	Tube Current	2~5mA (1mA step)
X-RAY CONTROL	Exposure Time Set	Time:0.03~2.00 sec 0.03~0.20 (10msec step) 0.20~2.00 (50msec step)
COLLIMATOR	SID	SID 100cm/43cm x 43cm
X-RAY TUBE	Anode Type	Stationary
	Anode Angle	16 Degrees
	Focal Spot	0.8 mm
	Anode Heat Capacity	8000 J
	Max. Anode Cooling Rate	110 W
	Nominal Anode Input Power at 0.1 s (DC)	1280 W
POWER REQUIREMENT	Battery	Li-Polymer 22.2 VDC, 1450 mAh
	Number of Exposure	About more than 100 times at 10kV, 5 mA, 0.1 sec
	AC Power Adapter	AC 100~240V, 50/60 Hz
	Charging Time of Battery	About 1.5~2.0 hour
WEIGHT	Main Body	3.8 Kg
POWER REQUIREMENT	Main Body	266 x 260 x 163 mm

## Dimension



## 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.edusofthealth.com  
to learn more