Portable Handheld Medical X Ray Machine

Advanced Portable X Ray Image System with Artificial Intelligence Features

Mine2in

AERB Approved

MADE IN INDIA MADE IN

System includes:
1. High Frequency X Ray Generator
2. Detector DXD 17X17
3. Detector Stand
4. X Ray Generator Stand
5. Laptop

Simple stand controls upward and downward movement of the detector

- Light Weight
- Focal spot - 0.4mm
- Guide Beam
- Lowest Radiation - 2mA Current
- Long-lasting Battery

X-Ray Source Stand

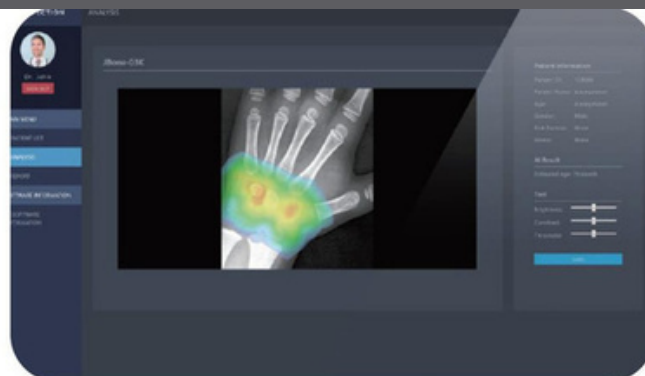- IP41: Water Resistance & Dustproof
- Magnesium & Carbon-fiber Body

X Ray India

Laptop computer includes Console Software for image acquisition

AI Solutions

Optional AI software assists diagnosis of diseases using simple X ray images and clinical information. This system is based on hybrid artificial neutral network technology or lesion detection and disease classification. It also provides AI analyzed probability of having a given disease. It assists physicians to diagnose diseases based on the image.

The software can help calculate the bone age and detects bone fracture. It has a capability to predict precocious puberty, the growth rate and adult height by analyzing the bone age in children. The bone age Assessment Solution supports precocious puberty or growth disorder diagnosis by measuring the bone age, margin of error being 8 months.
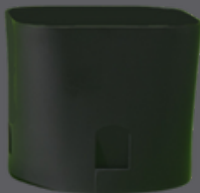
High Frequency X Ray Generator

Input Power	X-ray Unit	DC 5~12V 2.1A
	Battery Charger	AC 100~240V, 50~60Hz,1A
Output Power	140 W	
Power Supply	DC11.1V (Battery)	
Adjustable Function	Only Exposure Time	
Selectable exposure time	0.01sec.~ 1.3sec.	
Tube kV/mA	70 kV/2 mA	
Focal Spot Size	0.4mm	
Weight	2.420 Kg	

Digital Detector DXD 17X17

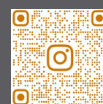| External Dimension / Weight	460mm x 460mm x 15.5mm / 3.2 kg, 7lb	
TFT Type	A-si	
Scintillator	CsI	
Pixel Size	140μm	
Image Area	X-ray Sensitive Pixel	3072 x 3072 pixels
	X-ray Sensitive Area	430.08 x 430.08 mm
MTF	MTF @ 0.5lp/mm	(Typ.) 89%
DQE	DQE @ 0.1lp/mm	(Typ.) 72%
A/D Conversion / Data Output	16bit / 16bit	
Cycle Time / Full Image	8 sec. / 3 sec.	

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Accessories

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Website