



WHO WE ARE

ADONIS is a professionally managed Private Limited Company and is located in North of INDIA with its manufacturing Base at Mohali an Industrial Town in Punjab, India.

ADONIS has a complete set up of Sales cum Service Network in various parts of the country for promotion and maintenance of its products.

Our Product Range

(1) Digital Radiography Systems

- Mobile DR
- Full Room Flat Panel Based X Ray System.

(2) High frequency X-ray Machines

- Mobile High Frequency X Ray Unit.
- Fixed HF X Ray units with Various Optional Tables

(3) Line frequency X-ray Machines

- Mobile X-Ray Machines
- Fixed LF X Ray Units with Various Optional Tables
- Optional Vertical Bucky

(4) C-Arm

- High Frequency FPD Based Mobile Surgical C Arm
- HF Image Intensifier Based 1kx1k cmos Based Mobile Surgical C Arm
- HF Image Intensifier CCD Based Mobile Surgical C -Arm
- Optional Rotating Anode Based Unit

CERTIFICATIONS

ADONIS is an ISO 9001 and ISO 13485:2016 certified Company. All ADONIS X-Ray Machines are certified by Bureau of Indian Standards for Mechanical and Electrical Safety. All ADONIS Products are approved by Atomic Energy Regulatory Board for Radiation Safety.



FULL ROOM CEILING FREE DR SYSTEM-



19" Monitor for Image acquisition.

Rotating anode X-Ray Tube.

Variant -15 & 30 KW.

300 & 425 mA

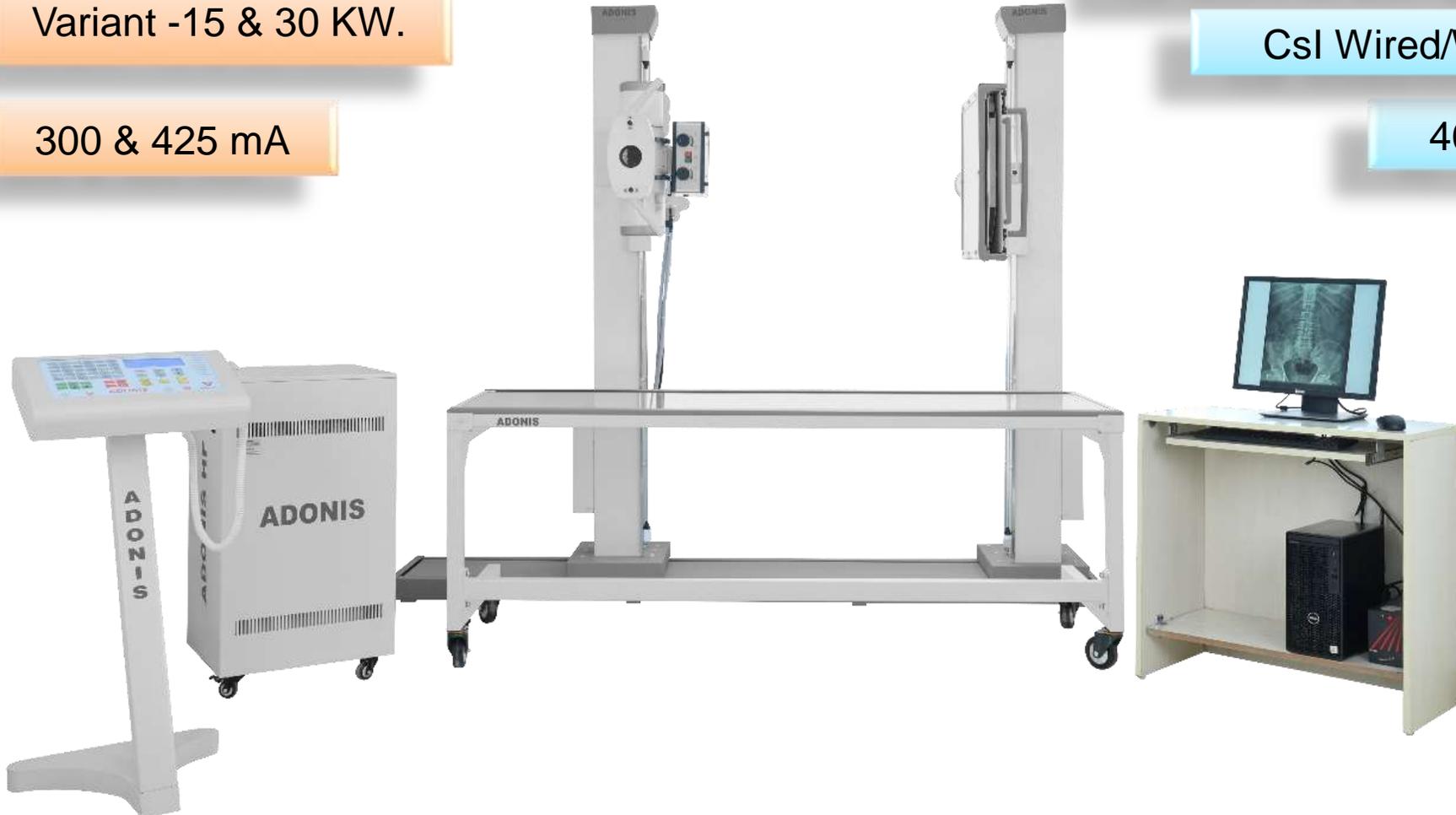
Adonis Patented DR Stand

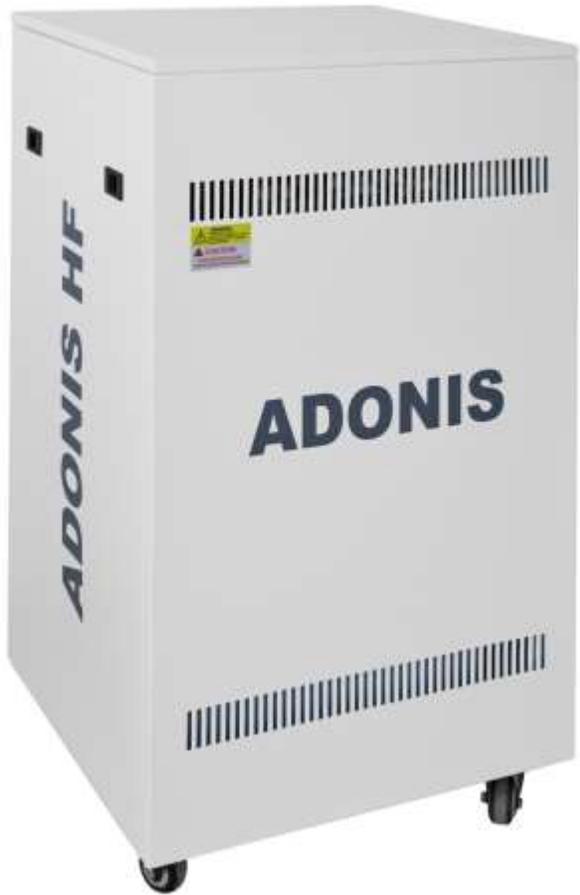
CsI Wired/Wireless

14" X17 / 17"x17" Detector

CsI Wired/Wireless

40-125 KV





Control Panel Standard Features :

A Compact Control Panel with soft touch Key Board

- Digital Display of Factor, Machine ON/OFF Switch, kV and mAs Increase / Decrease Switch
- Ready / X-Ray On Indication, Bucky selection, Focal spot selection
- Dual Action Hand Switch with Ready and Expose Switch
- Self Diagnostic Program with Display of various Error
- Automatic Voltage Compensation
- Microprocessor Control Tube Overload Protection
- APR Based Control



- Soft Touch keyboard with Automatic selection of kVp, and mAs for each Body part
- Illuminated LCD Display for Digital display of applied Factor for each Body part
- Each Body part is programmable for new selection of kVp, and mAs through Soft Touch Keyboard
- Actual Input Voltage Display for accurate Voltage.

Features of DR Panel

❖ ACCESS POINT MODE:

Equipped with access point function, our product can connect to computer without extra wireless configuration setting it undoubtedly, brings a user- Friendly interface in improving work efficiency

❖ FEATHERWEIGHT DESIGN:

In order to enhance the mobility, the Panel weight is only 2.7kg Including battery, making it effortless to carry around.

❖ EASY CLEANING:

The detector is IPX6-rated for water resistant, allowing user to clean it easily.

❖ Dual Battery:

Hot Swap – 60s, Image Never Loss, Always Watching

❖ Protection Mechanism: G sensor –

Automatically detect falling or impact, and activate the protection mechanism,even when it is turned off. Temperature sensor – The SW could set the limit temperature, if the temperature reaches 50 degrees, the DR will automatically shut down

❖ TRANSFER IN A FLASH

With specialized antenna design, our product can achieve fast Transfer and receive strong signal at anytime and anywhere. Built-in wireless communication supports IEEE 802.11ac enables a state-of-the-art transfer speed. Furthermore, A full image can be received within 2 seconds. Achieving and displaying Image as one of the fastest in the world

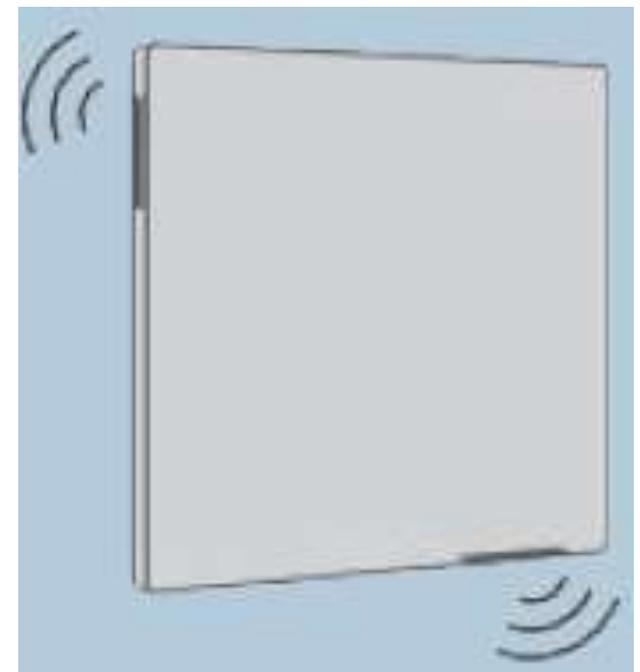
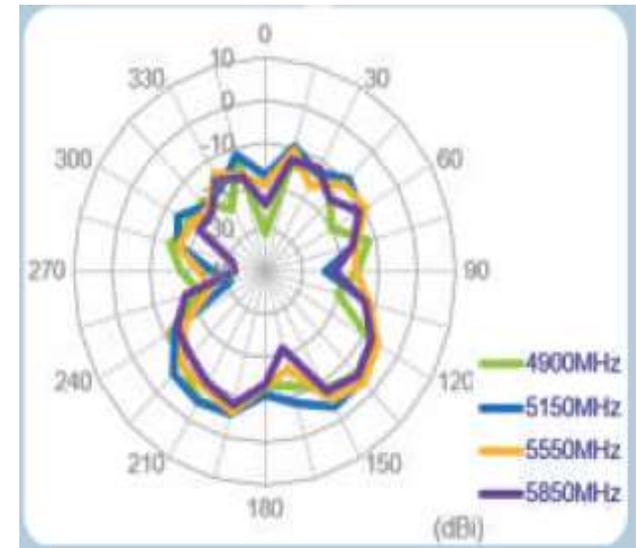
❖ SMART AND POWERFUL ADONIS SOFTWARE FOR DETECTOR:

The unit is provided with user friendly smart software to fit your needs with highest image quality . Provides a simple and intuitive user interface. Allows automated workflow with uniform protocols. Offers an optional Mini- PACS module with a broad tool set, allowing superb image management and analysis.



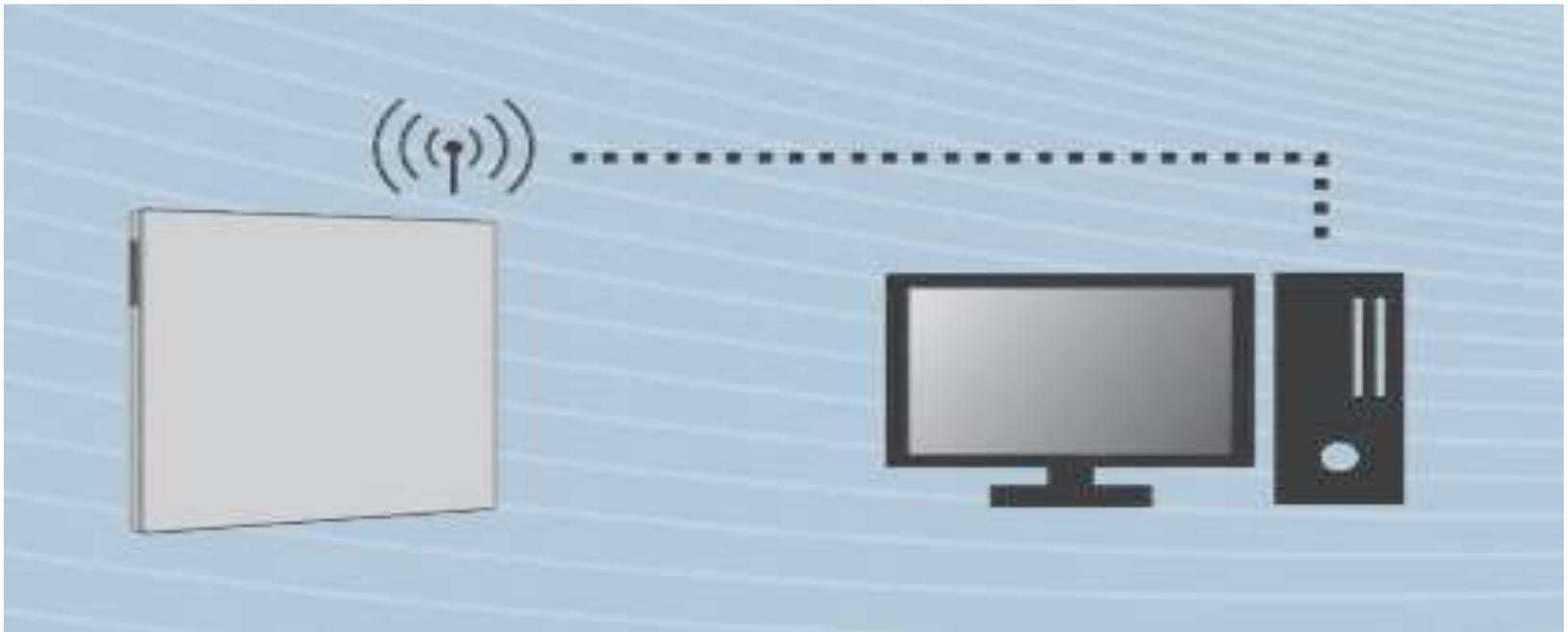
TRANSFER IN A FLASH

With specialized antenna design, our product can achieve fast transfer and receive strong signal at anytime and anywhere in the meantime, built-in wireless communication supports IEEE 802.11ac enabling a state-of-the-art transfer speed Furthermore, we can be very proud to announce that the full image can be received within 2 seconds, achieving one of the fastest in the world.

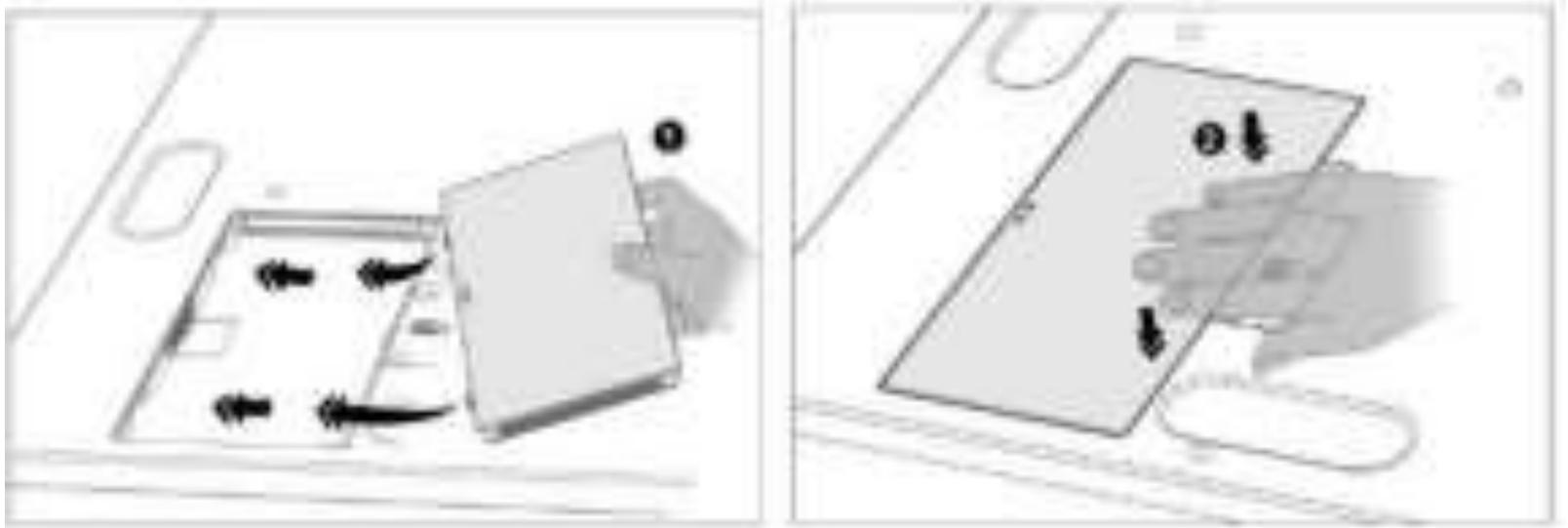


ACCESS POINT MODE

Equipped with access point function, our product can connect to computer without extra wireless configuration setting it undoubtedly brings a user-friendly interface to improving work efficiency.



SMART DESIGN FOR HOT SWAP AND SEIZING IMAGE IN TIME



User can freely exchange battery at any time without stopping, shutting down or any power supply connect to the system. Moreover, our product ensures that the last image is kept in device before shutting down, in case of accidents

DUAL BATTERY

Dual battery design

- Hot Swap – 60s
- Image Never Loss
- Always Watching

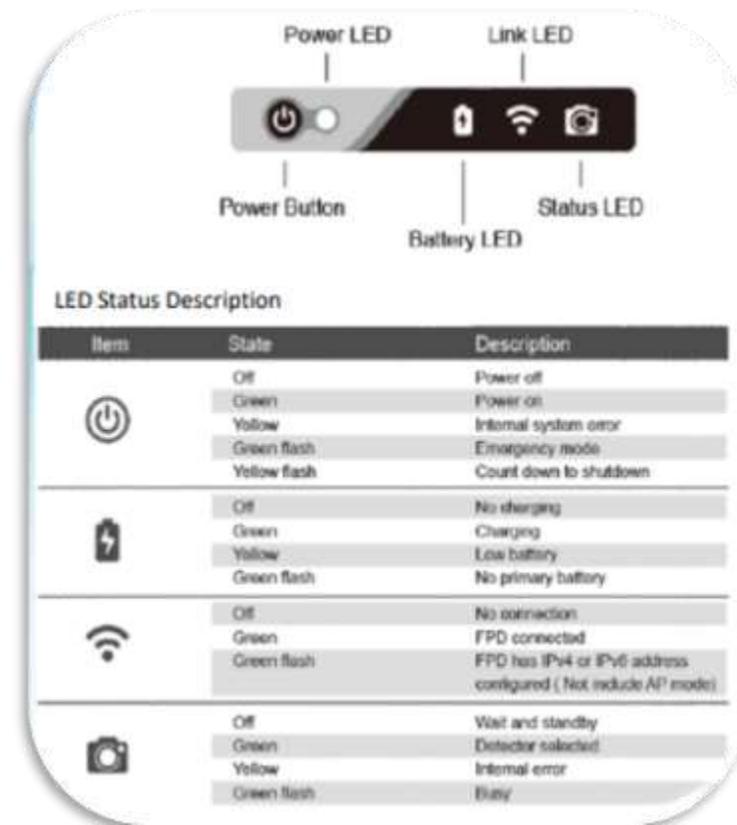
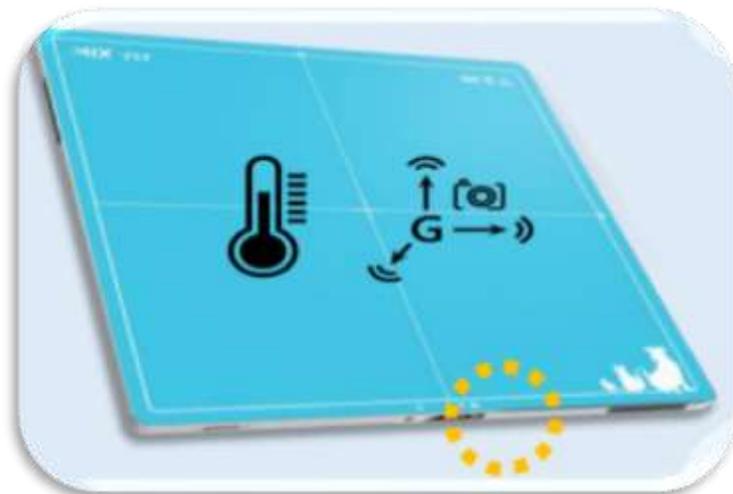
- Primary Battery AED mode – 4H
 - Primary Battery Sleep mode – Depends on the software setting, the default is 2 minutes to enter the sleep mode
- Primary Battery Time: Power on but not in AED mode – 8H
- Slave battery: Only record sensor's logs



PROTECTION MECHANISM

G sensor - Automatically detect falling or impact, and activate the protection mechanism, even when it is turned off.

Temperature sensor - The SW could set the limit temperature, if the temperature reaches 50 degrees, the DR will automatically shut down



FEATHERWEIGHT DESIGN

In order to enhance the mobility, the whole device weight only 2.7kg(1417)/3.2kg (1717) Including battery, making it effortless to carry around



EASY CLEANING

The detector is IPX6-rated for water resistant, allowing user to clean it easily.



It Will be supplied in floor or wall mount with spill proof design

KV Error

Bucky selection Switch

Standby(Ready) & X-Ray ON Indicator

Digital Display of KV & mAs

COMPACT, SOFT TOUCH CONTROL PANEL

Machine ON/OFF Switch

KV & mAs Increase and decrease switches.

Dual Action Hand Switch with Ready and Expose Switch



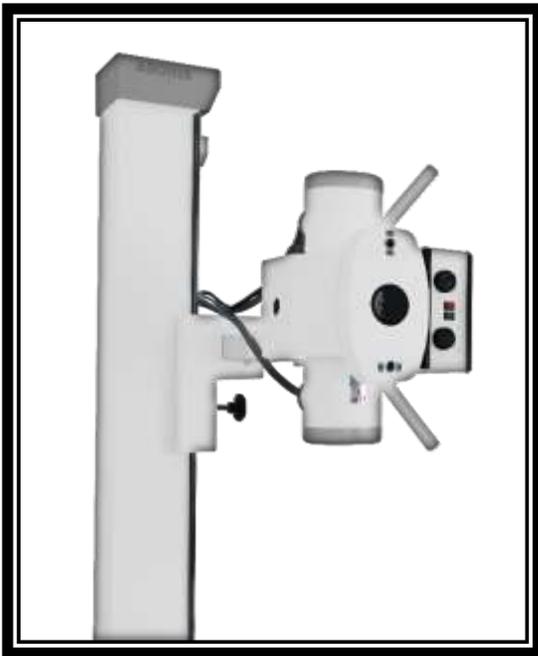
Tube focal spot selection switch.

Earth Fault Error

Filament Error

Tube Head Thermal Error

Choice of two stands Floor to ceiling
and ceiling Free Stands



- Can be supplied with different radiographic tables like: Horizontal Bucky Table and Floating Table top.



- Best suited for Diagnostic centers

- Suitable for all types of x- rays

300mA/425mA fixed X-ray Machine:

Comparison

Point No.	Specifications	Konica Minolta	Carestream	FujiFilm	PZ Medical	Innocare	Careray
		AeroDR NS	Focus 35C	Fujifilm SE Lite	3543A	V14	1500Cw
1	Scintillator Material	CsI	CsI	CsI/GOS	CsI/GOS	CSI	CSI
2	Pixel pitch	150 microns	150 microns	150 microns	140	140	154
3	Memory	upto 200 images	Data Not available	NA	NA	300	NA
4	BS procession	Standard	Data Not available	NA	NA	NA	NA
5	Ortho Tool	Standard	Standard	NA	NA	NA	NA
6	Veterinary Functions	Available	Available	Not Available	NA	Available	Available
7	Preview with ipad	Available - with additional license (software version 12.1 and above)	Available with tablet	NA	In mobile Device/Tab (but cannot be sent to console)	Yes with DROC transmission time 2.5 sec	
8	Water Resistance	IPX1	IPX1	IPX4	IPX3	IPX6	
9	DQE	40% @ 1lp/mm	Data Not available	37% @ 1lp/mm (FDA approval report)	32% @ 2 lp/mm (approx 40% @ 1lp/mm)	47% @ 1lp/mm (FDA approval report)	65% @ 0 lp/mm
10	MTF	72% at 1lp/mm	Data Not available	50% at 1 lp/mm (FDA approval report)	33% at 2 lp/mm (approx 50% at 1lp/mm)	69% at 1 lp/mm (FDA approval report)	
11	Detector Weight	3.6 kgs	3.36 kgs. (without battery)	3 kgs.	3.3 kgs.	2.7 kgs	
12	Weight Bearing Capacity	150 kgs Full panel load & 100 kgs Panel centre load Dia-40mm	150kgs Full Panel Load & 100 Kgs Panel Centre Load.	150kgs Full Panel Load & 100 Kgs Panel Centre Load.	Data Not available	300 kgs Full panel load & 120 kgs panel point	
13	Battery Technology	External & Lithium Ion Battery	External & Lithium Ion Battery	External & Lithium Ion Battery	Fixed & Lithium Ion Battery	External Lithium polymer	
14	Operating time per charge	approx 5 hrs	approx 5 hrs	approx 3.5 hrs	approx 3.5 hrs	approx 4 hrs by pocket charger	
15	Battery Expected Lifetime	Approx. Two years (500 charge/discharge cycles)	Approx. Two years (500 charge/discharge cycles)	Approx. Two years (500 charge/discharge cycles)	Approx. Two years (500 charge/discharge cycles)	Approx. Two years (800 charge/discharge cycles)	
16	System operation	Wireless operation with wired charging available	Wireless (FDA approval report)	Wireless (FDA approval report)	Wired or Wireless (FDA approval report)	wired and wireless	
17	Detection of Impact	N/A	N/A	N/A	N/A	Automatic (G Sensor)	
18	Temperature Control	N/A	N/A	N/A	N/A	Limit Temp. to shutdown at 50 Deg	
19	Image Loss	N/A	N/A	N/A	N/A	Internal Batt. For Hot Swap	
20	Unbreakable	Not Available in India	Not Available	Not Available in India	Not Available	Available	N/A
21	country of origin	Japan	Korea	China	China	Taiwan	

