



ACCESS TO VIEW MORE...



A Comprehensive Surgical Imaging Experience

Happier Living Everyday

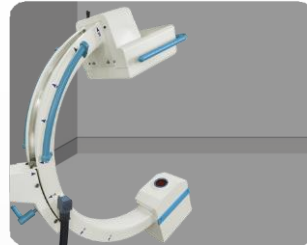


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ACCESS TO VIEW MORE...



Fully counter balanced C-arm design



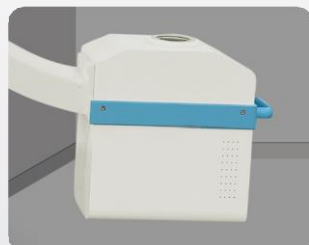
7" Intuitive touch screen control panel



21 x 21cm Dynamic FPD with 139 µm pixel size



32" Large screen display for comprehensive view of fine anatomical details



110 kHz High frequency best in class x-ray generator



Storage space to keep an extra accessories



MORE DETAILS IN IMAGES...

Flat Panel Detector Technology



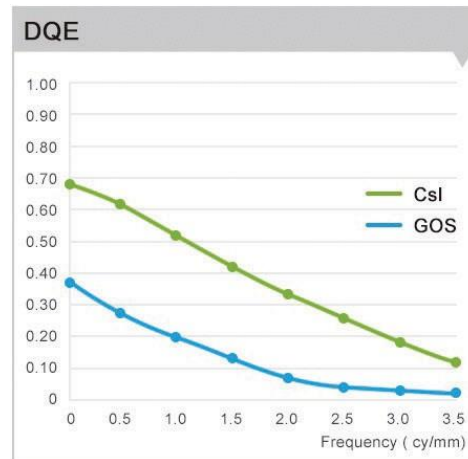
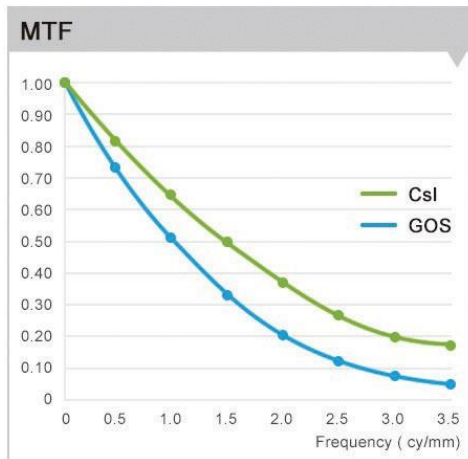
a-Si Sensor

An amorphous silicon (a-Si) image sensor for X-ray imaging consists of a two-dimensional pixelated structure. Each pixel contains a switching thin-film transistor (TFT) and a light-sensitive photodiode. Both these elements are fabricated with a-Si through photolithography process onto a large area glass substrate.



Direct Deposition CsI

C-Ray Pro Plus uses cesium iodide doped with thallium (CsI: Tl) as a scintillator. The CsI:Tl is evaporated directly onto the sensor array, and is therefore in direct contact with the light sensing pixel elements. The needle-like structure of directly deposited CsI acts as light fibers, thereby preventing lateral spread of light and improving the Modulation Transfer Function (MTF).



Distortion-free & high-resolution images can be easily achieved using latest FPD technology in C-Ray Pro Plus C-Arm, which offers great visualization of details with large field of View.

MORE CONVICTION IN USAGES...

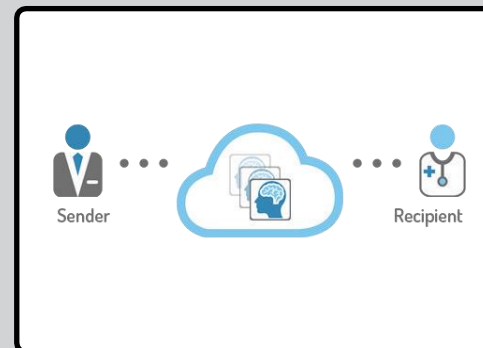


Intuitive Interface

- Multiple Operating Mode : Cont. fluoro, Pulse fluoro, Boost fluoro, Snapshot & RAD mode
- Realtime Image enhancement features
- Realtime tube head temperature display
- Self-diagnostics

Imaging with precision

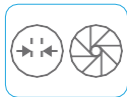
- Patient Registration (Normal & Emergency)
- Realtime noise reduction & edge enhancement
- LIH & cine loop recording
- Annotations & Measurements



Seamless Connectivity

- DICOM 3.0 Send
- Image Export : JPEG & BMP
- Image Transfer : USB port & CD-Drive
- PACS connectivity (Optional)

MORE SAFETY IN OR...



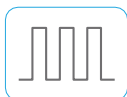
110kHz HF Generator

produces ripple free DC high voltage based homogenous X-ray beam, which produces high quality images & reduced skin dose to the patient and OT staff.



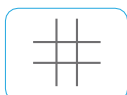
QR-ABS (Quick Response ABS)

Quick response ABS selects optimum factors within secs that help to reduceprolong exposures



Pulsed Fluoroscopy

Low-rate pulse fluoroscopy to reduce overall dose to the patients



Parallel Collimator

Parallel shutter to collimate the beam as per ROI, which reduces the overall dose to the patients



Laser Aimer

Radiation free C-Arm positioning to minimise retakes during procedures

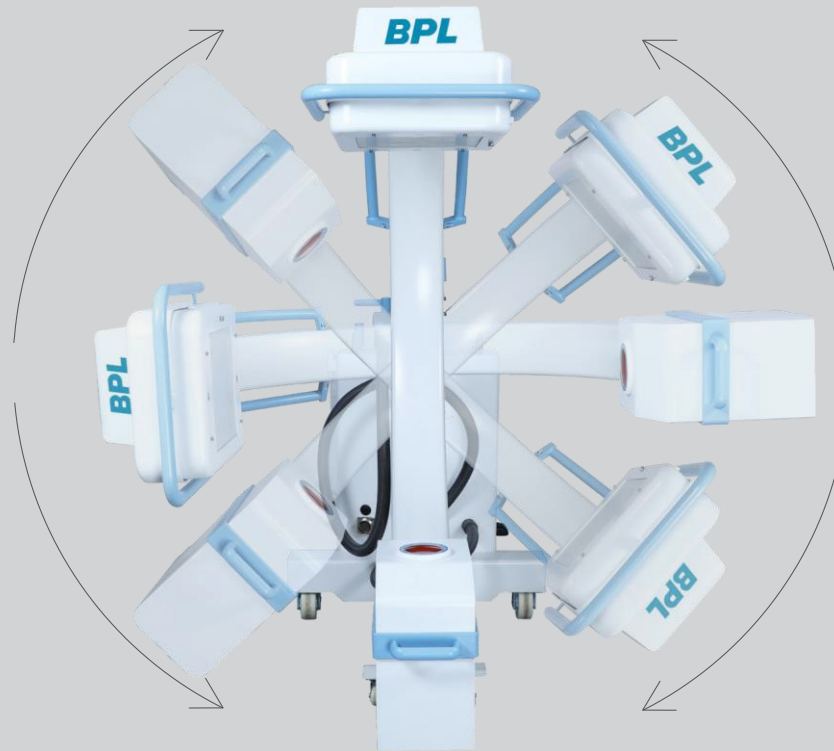


Removable Grid

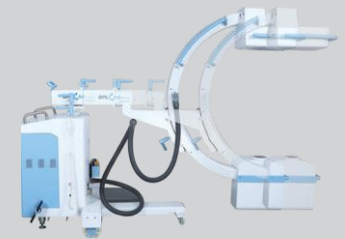
Grid can be removed whenever it is not needed

MORE FLEXIBILITY IN OPERATION

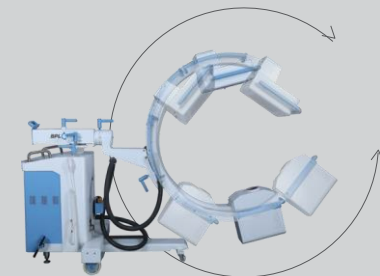
BPL **C**RAY[®]Pro Plus
Series: FD (A Flat Panel C-Arm)



±12.5° Wig Wag Movement



Horizontal movement : 200mm



Arc Orbital : 90 + 40 °

Axial Rotation : 190° ± 10°

Clearance: 805 mm

Arc Depth: 630 mm

Lateral Height: 1050 mm

MORE APPLICATIONS IN OR...



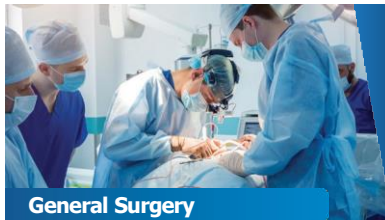
Orthopedics



Pain Management



Spine Surgery



General Surgery



Urology



Gastroenterology



Technical Specifications

MAJOR TECHNICAL SPECIFICATIONS

Generator Frequency	110kHz
Power Output	3.6KW
Operating Modes	Continuous Fluoro, Boost Fluoro, Snap Mode, RAD Mode, Pulsed Fluoro
Image Receptor	Dynamic FPD
Size	21cmX21cm
Imaging Chain	1.5k X 1.5k
Image Memory	DFCC
Collimator	Parallel Shutter (Optional)
Laser Aimer	Yes
Power Supply	230 VAC ± 1 0 % : 50Hz Frequency

*Technical specification subject to change



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*Designed to meet IEC 60601 safety standards,
AERB regulations and BIS IS 7620 Part 1*

A Global Medical Technology Company



- BPL Med Tech HQ
- BPL Med Tech Factory
- BPL Med Tech Factory

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