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## TECHNICAL SPECIFICATIONS DATA SHEET



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# BPL RAY<sup>Prime</sup> Technical Specifications

## X-Ray Generator

Type	High Frequency; 40KHz
Output	3.5 KW
KV Range	
(Fluoroscopy / Radiography)	40 - 110 KVp
Fluoroscopy mA	0.1 - 5mA
Boost Mode	upto 10mA
Radiography mAs	1 - 200 mAs
Snap Shot Mode	15mA

## X-Ray Tube

Focal Spot Nominal value (Small/Large)	0.6/1.5 mm
Collimation System	
Single Parallel Shutter	Soft Shutter as Standard

## Control Panel

Display Type	Full Touch, Colored Graphical Display
Display size	10"
Touch Panel Arm	360 degree swiveling facility & Tilting Facility
Operating Modes	Continuous Fluoroscopy Mode Pulsed Fluoroscopy Mode Boost Fluoroscopy Mode Snapshot Mode Auto Mode Radiography Mode

## Image Intensifier

Type	9Inches; Triple Field (9"/6"/4.5")
Grid	Round, 9"- 10:1, 103 Lines, FD : 36-39"

## Camera

Type	CMOS, 1024 x 1024 Pixels, GigE output
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## Image Memory

XMED 1K2	PC based image memory with real-time & post-processing features; storage upto 2,00,000 images DICOM 3.0, USB Export, DVD R/W & dose display
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## Mechanical Characteristics

C-Arm Dimension	
Vertical Run	450 mm
Horizontal Run	200 mm
Wig-Wag (Swivel Range)	± 12.5°
Angulation	± 205°
Orbital Movement (Over scan)	121° (-30° to + 90°)
SID	965 mm
Arc Depth	630 mm
Clearance	760 mm

## Workstation (Modular)

Displays: LCD Monitors	: 19" Flicker-free with LED backlight : Medical Grade Monitor
Foldable Display	Yes

## Other Functions

Emergency Stop	
Foot Switch	
Equipment Malfunction Indication	

## Electrical Characteristics

Single phase voltage	230 ± 10% V AC, 50 Hz
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