

BPL  **RAY™ Pro[#]**

BPL Medical
Technologies



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GenX 3.6R
Ultra High Frequency Generator

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A Comprehensive Surgical Imaging Experience

Happier Living Everyday



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[#]Regulatory approvals are Pending.
Not for Commercial Sale until Regulatory approvals are secured.



A BPL Medical Technologies
Magazine

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BPL C-Ray Pro



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Intuitive & User friendly Touch Control Panel



Radiography

Radiography Controls with Options to select kV, mA, Patient Type, Anatomy in Focus and the Image View



Fluoroscopy

Fluoroscopy Controls with kV, mA, Dose and Multiple Operating Modes



Real-Time Heat Monitoring

The Technician can view the monoblock thermal Status in Real-Time



Real-Time Magnification

Option to Control the Image Size through multiple size Zoom Options

Approved by



Superior Ergonomic Design for Effortless Operations

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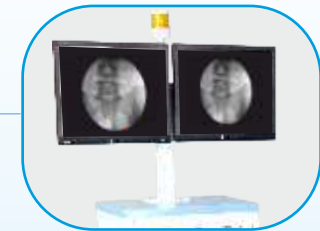
Effortless locking mechanism.
Actuator assisted silent Up / Down movement



X-Ray Exposure Switch for
Fluoroscopy & Radiography



Foot Switch with a Holding Case
for easy Equipment transport



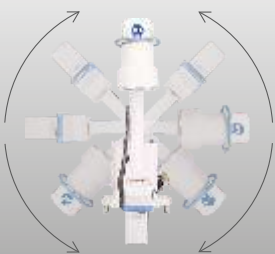
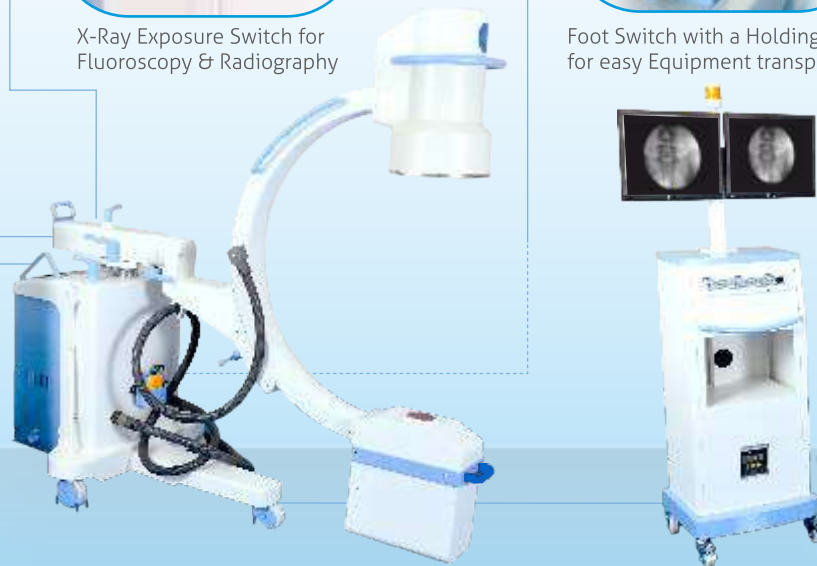
Compact Workstation with dual
High Resolution monitors



Efficient Steering mechanism
with 90° rear wheel rotation.



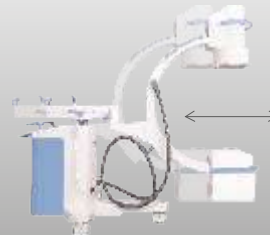
Durable Wheels with Cable Deflector
for easy maneuverability



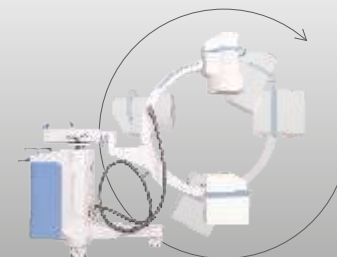
±180° Axial Rotation



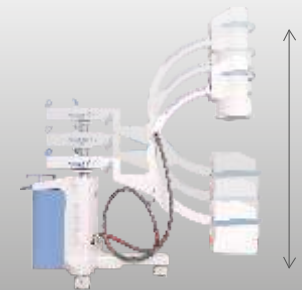
±12.5° Wig Wag Movement



200 mm Horizontal Movement



90° + 30° Orbital Rotation



400 mm Vertical Movement

Technical Specifications



X-Ray Generator

Type	High Frequency; 110 kHz
Output	3.5 kW
KV Range	
(Fluoroscopy / Radiography)	40 - 100 kVp
Fluoroscopy	0.1 - 3 mA
Boost Mode	Upto 7.5 mA
Radiology mAs	1-200 mAs

X-Ray Tube

Focal Spot Nominal Value (Small / Large)	0.6/1.5 mm ²
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Control Panel

Display Type	7" Touch, Colored Graphical Display
Operating	Continuous Fluoroscopy Mode Boost Fluoroscopy Mode Snapshot Mode Auto Mode

Image Intensifier

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

CCD Camera

Type	1/2" CCD, 752 x 582 Pixel, CCIR 625 lines; 50 Hz
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Image Memory

MXSI	Internal 100 images storage, IR Remote, USB Drive Storage
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Mechanical Characteristics

C-Arm Dimension	
Vertical Run	400 mm
Horizontal Run	200 mm
Wig-Wag (Swivel Range)	± 12.5°
Angulation	± 360°
Orbital Movement (Over scan)	120° (-30° to + 90°)
S.I.D	960 mm
Arc Depth	630 mm
Clearance	760 mm

Workstation (Modular)

Display ; LCD Monitors	17" Flicker-free with LED backlight
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Electrical Characteristics

Single phase voltage	230 V AC (±10%), 50 Hz
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Other Functions

- Foot Switch
- Automatic Shut Off to prevent over-heating of the Equipment
- Emergency stop switch
- Equipment Malfunction Indication
- Servo Stabilizer to manage Voltage Fluctuations
- Complete Shielded wiring and EMI Protection



Wide Clinical Applications



CERTIFIED ISO 13485:2003, ISO 9001:2008 COMPANY

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