



Experience Unmatched Flexibility of  
**Operating Space** and  
**Deepest Angles** on a  
**Floor Mounted Cath Lab**



**Floor Mounted Single Plane Lab, For Cardiovascular, Peripheral Vascular  
and Neuro Vascular Diagnostic and Interventional Procedures**



# L - Arm Movement

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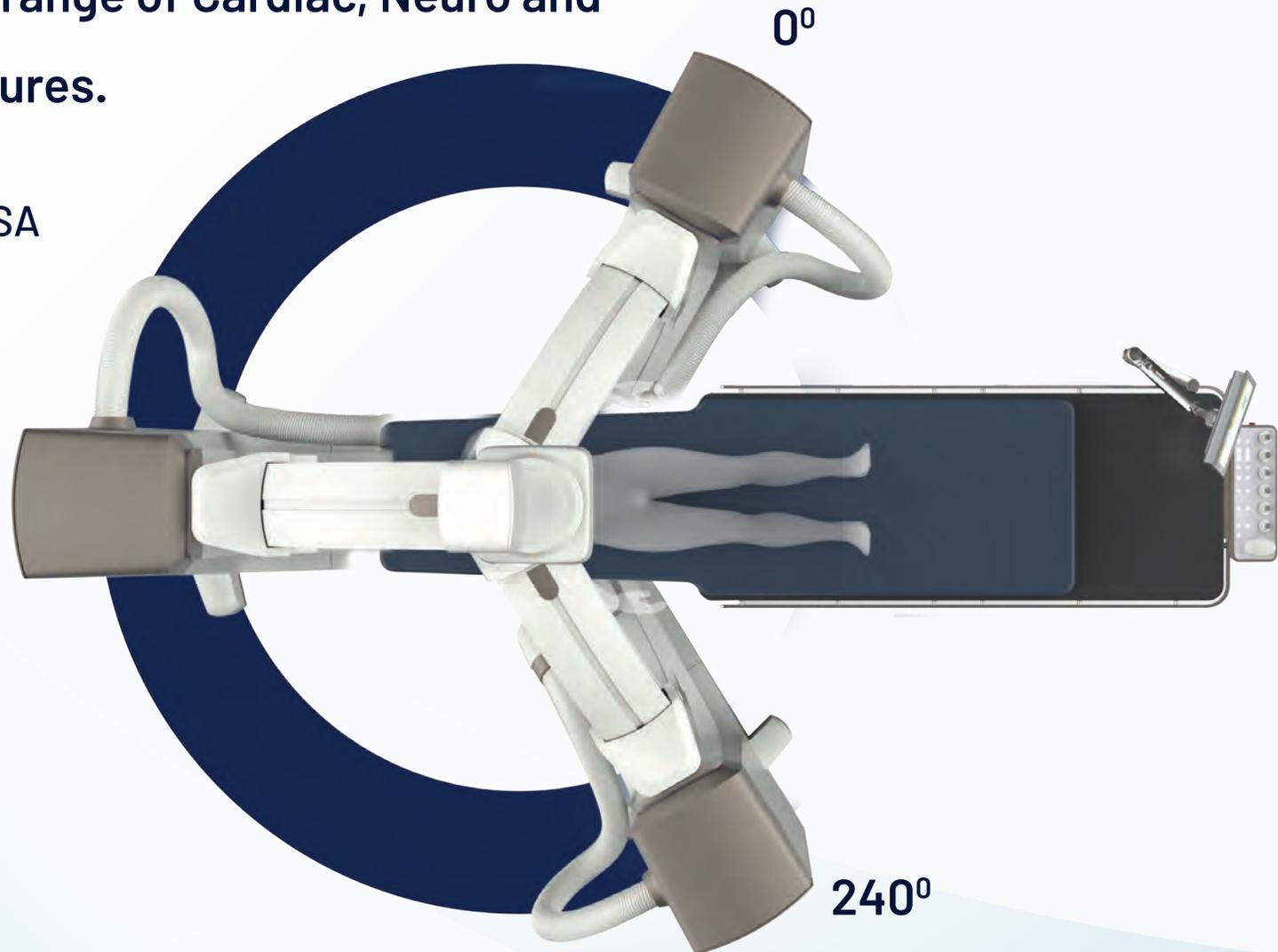
$\pm 120^\circ$  Gantry movement provides unmatched Space

Optimization enabling wide range of Cardiac, Neuro and Peripheral Vascular procedures.

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Enables All Cardiac and Neuro DSA procedures with deeper angles.

Ease of implantation of all Arrhythmia related Devices.



# C - Arm Movement

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Deeper angles ensure better access to the vasculature and enable better clinical decision making.

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## Angulations

CRA/CAU - +/- 55 Degree



LAO/RAO - +/- 120 Degree

# Detector Movement

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Best in class free space for the deepest angles in a floor mounted lab.

Greater depth in detector movement enables deeper angulations thus helping better anatomical view of Heart.

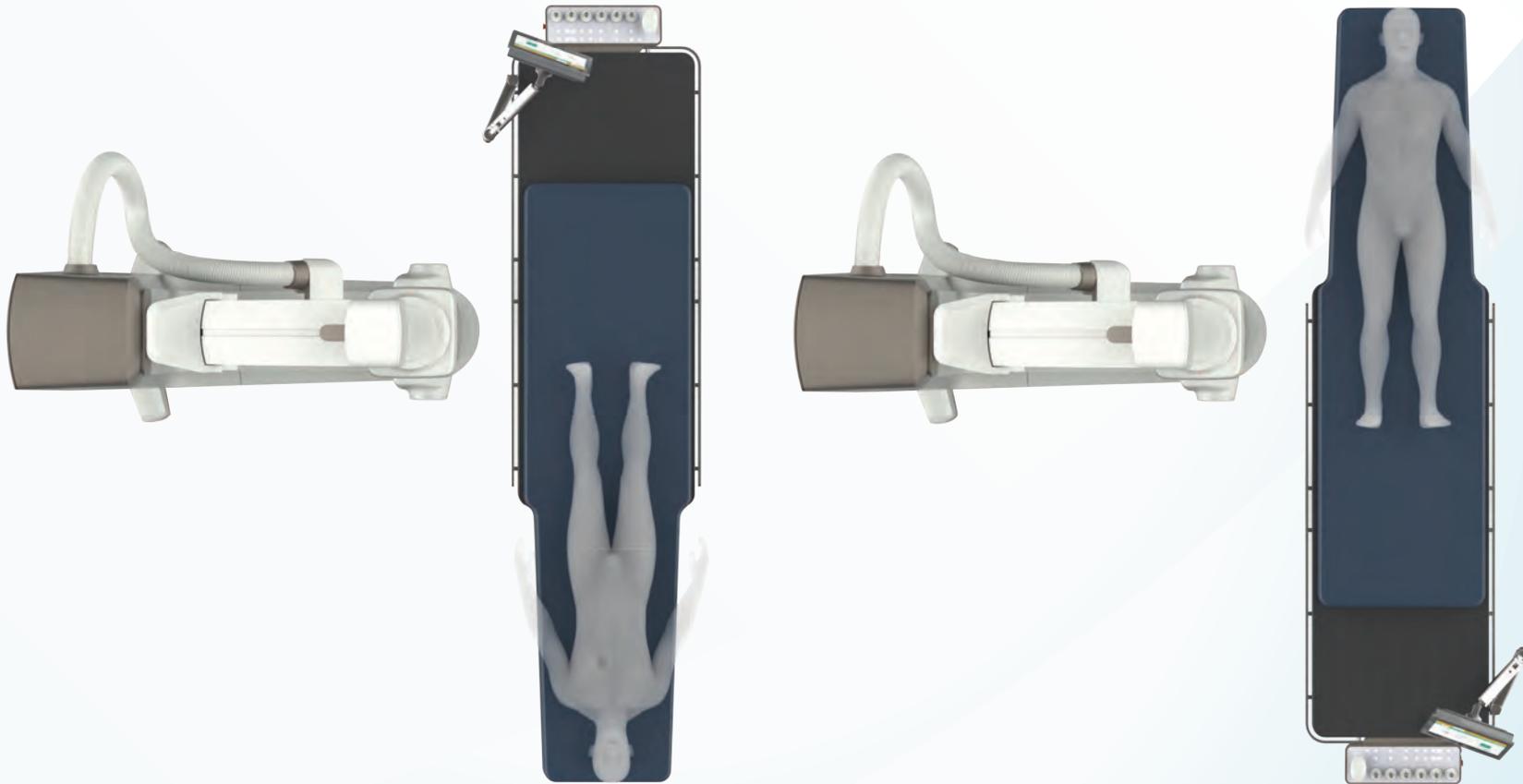
Independent Detector Movement as well as synchronized detector movement with L Arm.



# Table Swivel

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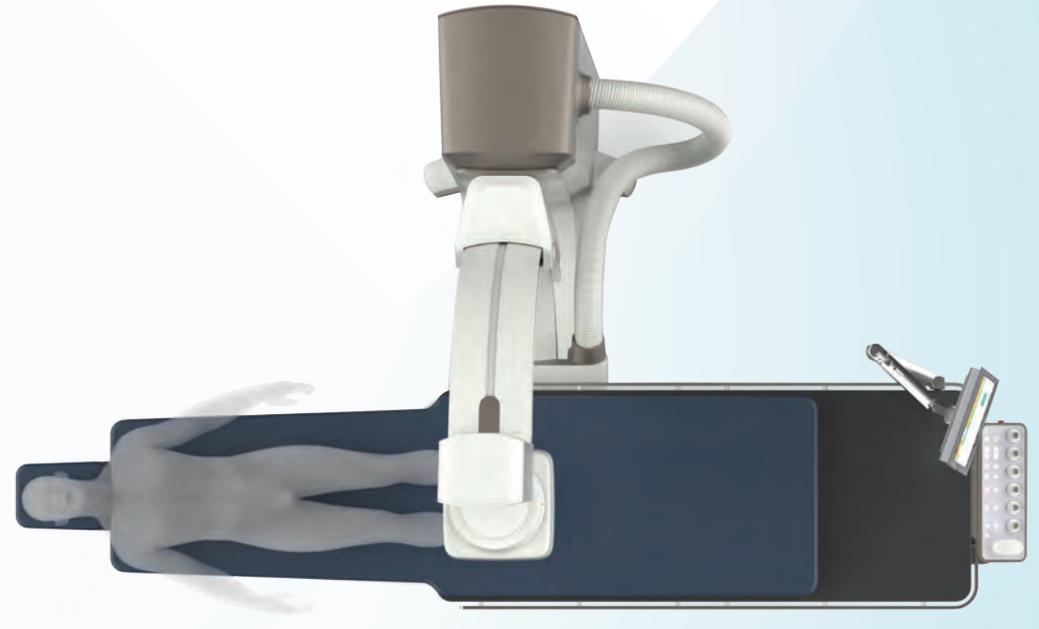
Table pivot Movement of **+/- 90 Deg**, Provides Greater flexibility to do Vascular Hybrid cases & greater access to the patient for resuscitation during emergencies.



# Table Sweep

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Head to toe coverage for **6 feet** tall patient to perform Peripheral Vascular, Neurovascular, Cardiac and lower extremity interventions seamlessly.



# Monitor

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55" Commercial Grade Monitor for Sharper and Consistent Image Quality.



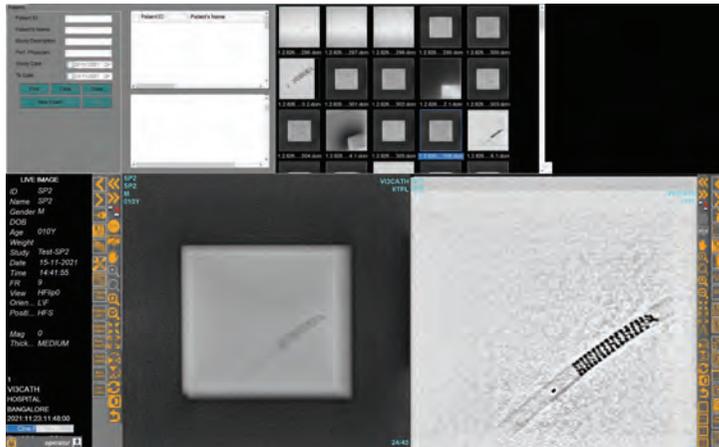
## User Interface

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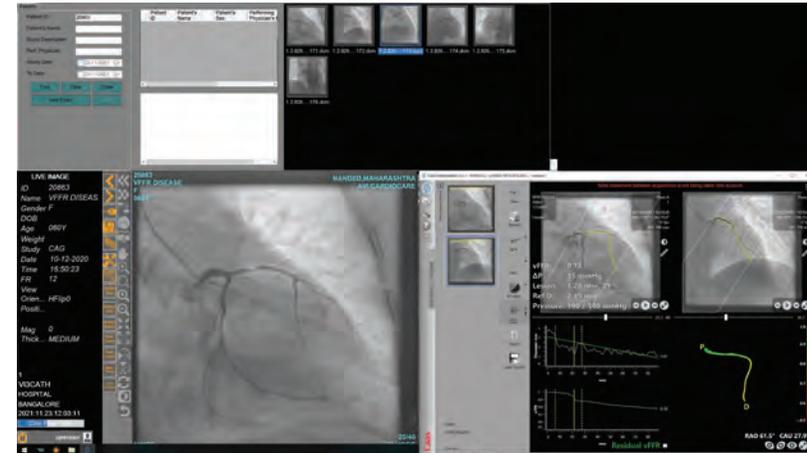
Back lit Joysticks, Buttons and keys in the table side module for ease of use or enhanced user experience. Spot light ON/OFF button provided on the table side module



# Online Stent Enhancement



# vFFR (Optional)



# IVUS Co-registration (Optional)



# OCT Co-registration (Optional)



# Specification

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## Gantry

C Arm Speed : **Upto 25 Degree/Sec** | ISO Center Height : **1065**  
Min SID : **960** | Max SID: **1260** | SID Travel : **300** | Max Free Space :  
**940** | L Movement : "**+/-**" **120 degrees, three side of table** | **Home**  
**Position of L arm is Head End** | Speed : **Upto 15 Degree/Sec.**

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## Tube

**1.5 MHU** | **Oil Cooled with external Heat Exchanger with flow and**  
**thermal safety switch**

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## Detector

**Flat Panel 12" diagonal** | **Pixel Size 154µm** | **Image Matrix :**  
**1344x1344** | **16-bit Dynamic range** | **DQE - 77%.**

## Table

**Carbon Fiber Table Top** | **Memory foam mattress** | **Max. patient**  
**weight: 200 Kg+ 50 kg CPR** | **Min height: 780mm** | **Vertical**  
**stroke: 300 mm** | **Longitudinal stroke: 1350mm** | **Table lateral**  
**stroke: 300 mm** | **Table pivot Movement : +/- 90 Deg.**

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## Generator

**65 KW High frequency X-Ray generator** | **40 - 125 KV**

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## Display Monitor

**55 Inch Commercial Grade Display Live Monitor** | **Two 43 Inch**  
**4K Industrial grade reference monitors in console room.**

# About Us

IITPL is a unique amalgamation of strengths in Cath Lab Design and Manufacturing, X Ray Imaging, Software and Interventional Cardiology Consumables.

## The Three promoter groups



**VJ Technologies**  
New York



**Innovation Healthcare**  
New Delhi



**Ex Alpha X Ray Promoters**  
Germany and India

Bring a combination of strengths that are unique and complimentary resulting in development of the Pinnacle and Pinnacle Agile Cath Labs – the fastest growing and the most awarded Cath Lab of India in 2018-2019. The promoters of the company have a vision of creating truly differentiated solutions in Medical Imaging and offering solutions that make Medical Imaging more effective and accessible.



**175+ \***

175 Plus Installations in India within  
4 Years of Commercialization.



**11 \***

Asia's Most Awarded Cath Lab.  
11 National and International Awards.



**89% \***

89% customer satisfaction across  
175 installations.



**48 Hrs \***

Less than 48 Hrs of downtime  
at any installation since inception

\* Data as of August 2022



Made in India For the World



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