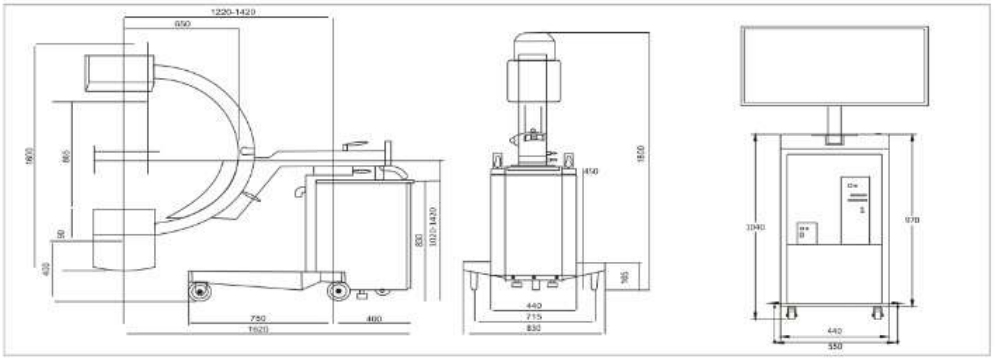
TECHNICAL SPECIFICATION

Technical Specification	PLATINUM DIGI PRO
Type of generator	3.5KW/50KHz, High Frequency
Model	AE 60HFS
Tube Type	Double Focus Stationary Anode
Focal Spot	Focus: 0.6mm & 1.8 mm
Fluoroscopic kVp	40-110 kVp (Single Step)
Normal Fluoroscopy mA (FmA) HD Fluoroscopy mA (FmA)	0.1 to 3mA Continuous Upto 3mA to 10mA / 4-30fps (optional)
Detector Size	23.6 x 23.6 cm (9.3 x 9.3 inch)
Operating Mode	Normal Fluoro, Pulsed Fluoro, Snapshot
Radiographic mAs	Up to 220 mAs
Flat Panel Detector(FPD)	Amorphous Silicon Active TFT/ Doge Array with Direct Deport Csl : T1, 16 Bit A/D Conversion
Laser Beam	Laser Beam Available
Self Diagnostic	Self Diagnostic for Errors
Automatic Dose Rate	ADR Control is Provided
Display	27" Single Monitor (HD Resolution), 32" (Optional)
Power Requirement	190-220V, 15 Amp, Single Phase



Max Mechanical Movements: Vertical (Motorized): Max 40 Cm / Horizontal : 20Cm/Rotation +/- 180 Degree/ Swinging : +/- 12.5 Degree / Orbital Travel: 125(+90/+35) Degree / Clearance : 865mm, Source to Object Distance 20cm

Memory	Digital Image Capturing with Dedicated Video Processing System (Latest Series)
Standard Accessories	Compatible Servo Stabilizer, Covers & Foot Switch

Specifications subject to change without prior notice.

Manufactured by:
ADONIS MEDICAL SYSTEMS PRIVATE LIMITED
E-70, Phase 8, Industrial Area, Mohali (Near Chandigarh) - 160 071
Tel : 0172-4001015, email: marketing@adonismedical.com; www.adonismedical.com

ADONIS

PLATINUM DIGI PRO

Flat Panel Based C-Arm

New Era In Real Time Imaging

EXCELLENCE IN TECHNOLOGY — Adonis — DEDICATION IN SERVICE

CERTIFIED ISO 13485 COMPANY

CE

AERB APPROVED

ADONIS

Adonis High Frequency C-Arm with Flat Panel Imaging Chain is an Advanced Choice to perform High End Surgeries in the Field of Orthopaedics, Urology, Neurology, Gastro etc.

ADONIS IMAGING SOFTWARE FEATURES :-

PATIENT ADMINISTRATION

Add New Patient, Delete or Search Patient Data, Add Procedure Information, Modify Patient Details, Add/Modify Doctor Information

IMAGE ACQUISITION

Transfer to Reference Monitor,

OPERATING MODES:- • Normal Fluoro • Snapshot (Single Image for better image quality), DSA(optional)

LIVE IMAGE PROCESSING

Image Rotation (1 degree),Brightness & Contrast Adjustment, Image Invert, Frame Average upto 32 Frames, Image Flip/Mirror, Last Image Hold, Boosting Time Less Than 50 Seconds, Recursive Temporal Noise Reduction, Sharpness Adjustment, Set/ Reset Image Parameters

IMAGE STORAGE

Storage at full resolution of 1024 × 1024,1000 runs of 100 frame, DICOM (optional), 2,00,000 images at full resolution, Unlimited Images per patient, Single Image save, Auto anonymous patient creation for Emergency procedure

REMOTE CONTROL

Most used functions can be controlled via remote

ON SCREEN DISPLAY

Support for 27" single monitor (1920 × 1080 (Full HD resolution), V 3840 × 2160 UHD (Full HD resolution), Shows Hospital & Doctor Name on Screen, Shows Key Patient & Acquisition Information on Screen.

IMAGE POST PROCESSING

Previous/Next Frame Viewing, Zoom In/Out, Image Invert/ Rotation, Previous/Next Run Viewing, Brightness, Sharpness & Contrast Adjustment, Annotations & Measurements, Frame by Frame Viewing of Run, Image Flip/Mirror, Panning of Image.

IMAGE STORAGE ON PEN DRIVE

Export of images to USB in JPEG format, Export Images / Run to USB with On Screen Display labels enable/disable option, Export Run/Cineloop to USB compatible to Apple and Windows OS or android phones.

UNIQUE FEATURES - ARTIFICIAL INTELLIGENCE ENABLED

Optimal Dose Indicator algorithm (ODI) for easy information to doctor/technician to get optimal image quality. This is useful even when used in Manual X-Ray mode. No need to adjust X-Ray continuously. Indicator tells user when optimal dose is reached. Anatomy wise study selection (APR). Remote Service access.

COMPUTERIZED WORKSTATION

CONTROL PANEL

ADONIS

High performance Mobile FPD based C-Arm with Excellent Image quality

Large FOV	Effective Active Area : 236.5 x 236.5 mm, Pixel Pitch : 154 um, Pixel Array : 1536 x 1536 A larger field of view increases imaging area capacity.
Versatile Design	Compact, slender panels provide more free space for C-Arm modalities. Lightweight and convenient for diverse application.
Advanced Technology	Direct-Deposit CsI combine with a precise balance of engineering factors. Panels developed for highly detailed, low-dose diagnostic imaging.
TIALIC	More efficient workflow with ADONIS (time-Independent Adaptive Low-Dose Image Correction) technology. Avoid low signal-to-noise ratios caused by insufficient high voltage power.
Image Performance	DQE (1x1 @ RQA 5, 0.9 µ Gy.) & Quantum limited dose 3.0 nGy/frame (1x1)

DIGITAL FLAT PANEL DETECTOR

COUNTER BALANCED MOBILE SURGICAL C-ARM