

Extron 5 C-Arm System



Premium Low Dose C-Arm System

Removable Grid

Obtaining low-dose images is simple with Extron's easy grid removal. Remove the grid quickly to lower the dose for pediatric imaging or surgeries where dose reduction is necessary.

15.6" Touch Screen OP Console

The real-time image transfer and touch screen operation ensure user convenience.

Low Dose IGZO Detector

23x23, Premium IGZO FPD delivers clean, noise-free, high-resolution images at low dose. 30x30 optional

Virtual Collimation

Users can acquire only the image of necessary part by freely collimating the desired part.



Large C-Arc / Great Depth & Free Space

The 1400ø large C-arc allows for desired patient access during various surgical procedures. Wider free space, orbital rotation provides convenient and stable surgical environment.

15kW HFG & Rotating Tube

15kW HFG with rotating anode tube for high-powered X-ray exposure for a longer use.

Vascular Software Package (optional)

D.S.A 5 Angiography (Vascular) Software Package with DSA, Road Mapping, Max. Op., QCA



Needle Enhancement



Metal Detection



Extron True Digital

TRU-Dose: Low-dose technology TRUDOSE allows medical staff and patients to minimize radiation exposure for a safe surgical environment.

TRU-Motion: User-friendly features enable optimal operating room conditions.

TRU-Image: A high-dimensional real-time image processing technology coupled with wide, distortion-free FPD images ensure the best image quality.



Extron C-Arm System

X-RAY GENERATOR		
Type		High frequency
Power Output (kW)		15kW
Input Line Voltage		220 – 230 VAC single phase
Input Line Frequency		50/60 Hz
Inverting Frequency		40kHz
FLUOROSCOPY MODE		
Continuous	kV Range	40 – 120kV
	mA Range	0.2 – 10mA, 20mA, 30mA
	Frame Rate	Continuous – Max. 25 frames
Snapshot	kV Range	40 -120kV
	mA Range	6mA (fixed)
PULSED MODE		
Pulse	kV Range	40 – 120kV
	mA Range	0.5 – 10mA
	Pulse Rate	Rate: 1, 2, 4, 8, 15, 25 pulses/sec.
Boost	kV Range	40 – 120kV
	mA Range	Boost – 20: 20mA (fixed)
		Boost – 40: 40mA (fixed)
	Pulse Rate	Rate: 15 pulses/sec
ABC (AUTO BRIGHTNESS CONTROL)		
kV Range		40 – 120kV
mA Range		0.2 – 6.0mA
		(20, 40mA @ Boost)
X-RAY MONOBLOCK		
X-ray Tube		Rotating anode
Target Angle		10
X-ray Tube Voltage		40 – 120kV
Focal Spot		0.3 / 0.6mm (IEC 60336 Ed.4)
Anode Speed		50Hz: 3,000 rpm
		60Hz: 3,600 rpm
Radiation Protection		Leakage Technique Factor: 120kV, 3mA
Cooling Method		Natural or forced air
Anode Heat Contents		225kJ (300kHU)
Max Anode Heat Dissipation		750W
Avail. Thermal Capacity (RX)		600kJ
Total Thermal Capacity		910kJ
Weight		21.5kg
Min Inherent Filtration		1.4mm Al @ 75kV

DETECTOR		
	23x23	30x30
Panel	IGZO TFT	IGZO TFT
Scintillator	CsI (Cesium Iodide)	CsI (Cesium Iodide)
Effective Active Area	230 x 230mm	300 x 300mm
Resolution	1,536 x 1,536 pixels	2,048 x 2,048 pixels
Pixel Pitch	148um	148um
A/D Conversion	16 bit	16 bit
Energy Range	40-160kVp	40-160kVp
Power Consumption	15W	15W
GRID		
	Standard	Option
Size	246 x 246mm	324 x 324mm
Grid Line	200 L/inch	200 L/inch
Ratio	8:1	8:1
Focus Distance	100cm	100cm
MONITOR		
	Standard	Option
Size	43"	31.5"
Panel Technology	IPS	IPS
Native Resolution	3,840 x 2,160	3,840 x 2,160
Brightness (Typ., Nit)	700cd/ m ² (Typ.)	800cd/ m ² (Typ.)
Contrast Ratio	1,200:1	1,700:1
Viewing Angle (HxV)	178° Typ.	178° Typ.
Response Time	8 ms (G to G)	9.5 ms (G to G)
Power Consumption	105W max	160W max
Weight	11.2 kg	13 kg

OTHER FEATURES

Smart Memory Position

Smart Memory Position stores position values simultaneously with dose information and image processing information to increase workflow efficiency and reduce unnecessary dose exposure.

Dual Hinge Monitor Arm

360 ° freely movable monitor arm allows medical staff to view images from any angle they need, regardless of location.

*optional

43" 4K Monitor

Easy and fast image monitoring with a wide display.

*31.5" optional

4-Button Foot Switch

4-button wired/wireless footswitch makes it easier to choose the functions needed during the surgery.



Call us for more information
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