

X-ray Unit

6.3kW,130kV,100mA

Mega Pixel HF Mobile Flat Panel C-Arm X-Ray Machine



Model: HMC-63D

Function Introduction:

High frequency Mega pixel with the function of radiography and fluoroscopy, satisfied the bony diagnostic, therapy, widely used for accessorial position guidance in many kinds of the surgery, can help the operation be proceed successfully.

Applications:

General surgery, Urology surgery, Orthopedic surgery, Spinal surgery, Abdominal surgery, Chest surgery, Traumatology, Orthopedics, Emergency room, Operating room, X-ray department

Advantage:

- Integrated rack
- 20.48cm x 20.48cm Flat panel detector
- Mega pixel digital image system
- Rotating anode, long service life
- With PC workstation, 27" LCD display screen, resolution: 2560 x 1440 pixel
- Can work properly at 220V, very convenient

Main Technical Parameter:

Model		HMC-63D	
Generator		Combination X-ray generator	
		500kHz	
		Max. power: 6.3kW	
Radiography	kV range:	40kV~130kV (1kV/step)	
	mA range:	10mA~100mA	
	mAs range:	1mAs~200mAs	
Fluoroscopy	kV range:	40kV~125kV (1kV/step)	
	Continuous fluoroscopy mA range:	0.5mA~6mA	
	Pulse fluoroscopy mA range:	10mA~40mA	
X-Ray tube component		made in China (optional Canon), Rotating anode, Double focus:0.3mm/0.6mm	
Anode heat capacity		200kHU	
Collimator	Type:	Square field	
	Controlled mode:	Electric	
Flat panel detector	Type:	Amorphous silicon Csl	
	Pixel size:	200μm	
	Pixel matrix:	1024x1024	
	A/D change:	16bit	
	Imaging size:	20.48cm x 20.48cm	
	Resolution:	Fluoroscopy spatial resolution:	2.2LP/mm
		Radiography spatial resolution:	2.5LP/mm
Imaging time:	Fluoroscopy imaging time:	≤1s	
	Radiography imaging time:	≤1.7s	
Image workstation		Image processing function include: zoom, reversal, tailor, mark, measure etc.	
		Standard DICOM port, conform to DICOM and WORKLIST agreement, could connect with PACS	
		Automatic window center-window width function: During the collecting automatic adjust the window center-window width	
		Images storage, edit and output image-text report etc.	
		27" High definition LCD monitor (1pc)	
		Display resolution: 2560x1440	
		Display brightness: ≥350cd/m ²	
C-Arm system	C-Arm up and down	0~400mm	
	C-Arm slip range:	+95° ~ -55°	
	C-Arm rotate range:	±270°	
	C-Arm horizontal movement range:	0~200mm	
	Horizontal movement horizontal swing range:	±13°	
	Depth of C-Arm:	700mm	
	Open distance of the C-Arm:	850mm	
	SID:	1050mm	