

**Shoimage**



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**SHOCII-C3.5KW**

**C-arm System**





## Application :

Widely use in operating room, X-ray department, emergency room, intervention and peripheral angiography. General surgery, urology, chest surgery, trauma, spine surgery, abdominal surgery, orthopedics, bone reduction and fixation, endoscopy and surgery. Intervertebral disc angiography and angioplasty.

## Key features:

- 1) With HF & HV generator, inverter, and High quality image intensifier, the x ray generator can work stably. It also reduces the damage for the doctors caused by radiation.
- 2) 10.4" LCD friendly interface control board: easy operation and can be rotated to 180° (L90°, R90°). Compared with ordinary key board, our LCD display is not easy to be oxidized. Besides, the trouble will be displayed in Chinese, which will improve the efficiency of fault diagnosis.
- 3) Pulse and boost fluoroscope provides all kinds of size of patients with clear diagnosis.
- 4) With a steering handle, it can adjust the direction quickly when moving. And parallel movement function is also available.
- 5) Equipped with unique block line wheels, it can avoid accident when the machine moves.
- 6) Large free space in arc: the space can reach 800mm, which is convenient for operation.
- 7) 9"/6"/4.5" three fields of vision: it facilitates diagnosis of partial enlargement.
- 8) CCD camera with rotation function: range of camera rotation: 360°.
- 9) Original Korean linear slide rail can make the movement of the machine flexibly.
- 10) Applied with Omron Relay, the noise can be reduced and the life time of the equipment can be increased.



Main specification

HF generator	110KV, 3.5kW , 40kHz
Fluoroscopy mode	40~110kv 0.5~5mA (KV manual and automatic); Pulsd fluoroscopy 40~110kv 0,5-5mA Boost fluoroscopy 40~110kV 5~10mA; Photography 40~110kV 1~250mAs
X ray tube	Dual-focus fixed anode:0.6mm/1.5mm Italy IMD Technology
Image intensifier CCD camera	Three fields of vision 9, 6, 4.5 Japan Canon Brand Japanese Watt Brand, 360° rotation
Image system	5 Degree recursive Noise Reduction Frame freezing Thousands of image data storage Image conversing and rotating Screen display with image comparison Support “one click” print,print the image report Equip with Dicom 3.0 network port(optional) Support Dicom 3.0standard data export function
Mechanical motion specifications	Vertical travel:0-400mm Horizontal travel:0~200mm Rotation about horizontal axis:±180°
C-arm dimension	Distance of focal spot to image generator(SID):1000mm Depth in arm≥650mm Mobile stand :1800mm*800mm*1850mm Image system: 750mm*530mm*1680mm
Standard configuration	High resolution CCD camera:1set x-ray generator:1set 9” image intensifier:1set image processor 15" LCD high definition display 1 set 470,000 pixels, temporary storage of 8 images, without print transfer function, Exposure way: Wired hand brake and foot switch

