Shoimage

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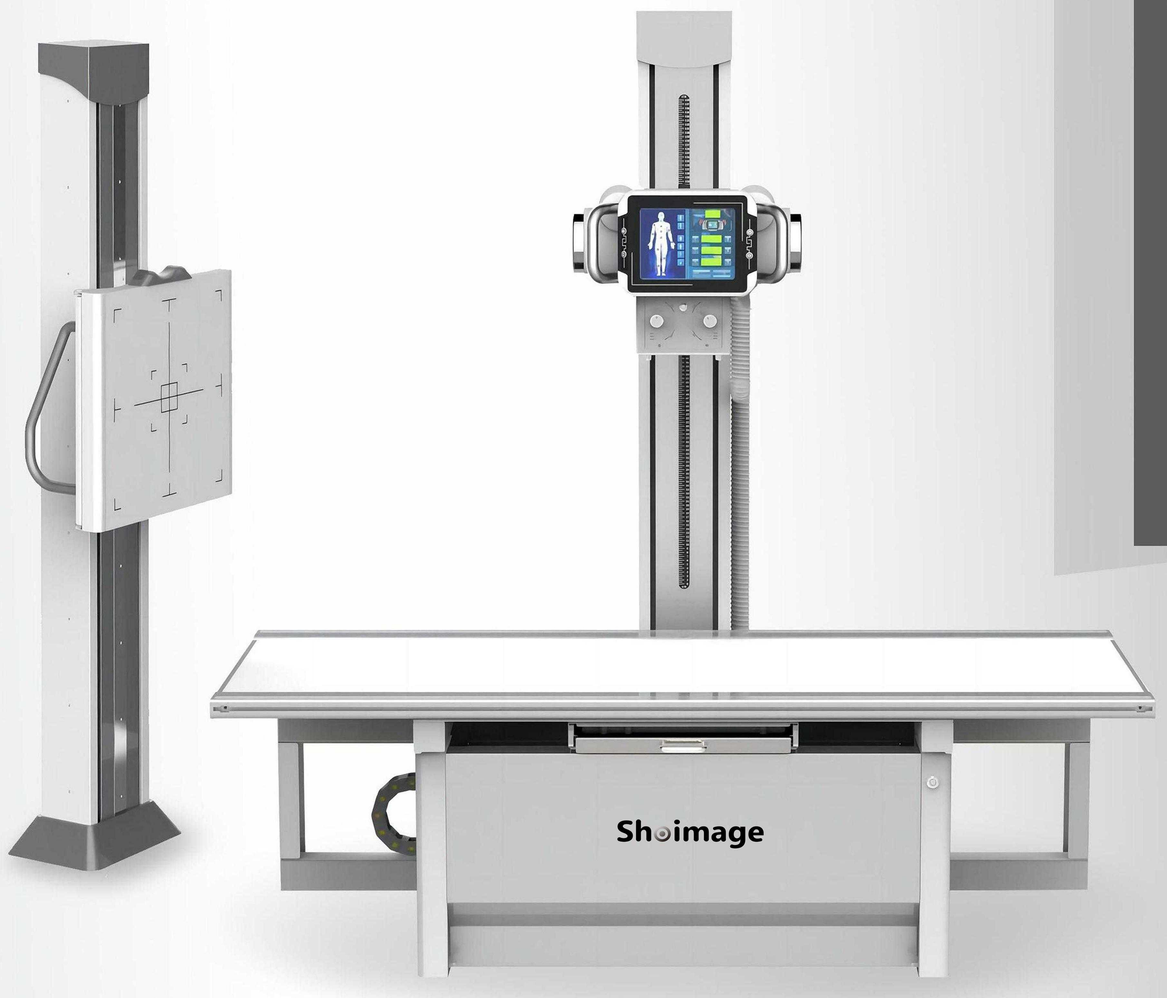

Floor-mounted

Digital Radiography System

SHO-DDX04

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X-ray generator

Rich DR upgrade reserve interfaceFault self-diagnosis and protectionAutomatic calibration of tube current
Infrared photoelectric switch for four-way table, X-ray tube has the function of filament dormancy AEC function, different ionization chamber as optional
Analog - digital double - loop control, simple operation, high intelligenceHigh kV, high current, high power,strong penetration,able to handle obese patients

Flat Panel Detector

Acquisition Software

X-ray Tube

HF Generator

LCD HD high precision display, 10.4 inch super large screen is much larger than the same market products, can directly adjust the exposure parameters kV, MA mAs, various parts of the human body optional, suitable for all types of people

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SPECIFICATIONS

Ambient Conditions

Ambient temperature 10℃～ 40℃
Relative humidity 30％～ 75％
Atmospheric 70 ～ 106kPa
Main head 9.7 inch touch screen control panel

X-ray Tube

Anode type Rotating Anode
Focal Spot value 0.6mm /1.2mm
Maximum voltage 150KV
Revolving speed of anode 2800rpm
Inherent filtration 1.0mmAl
Anode heat storage capacity 300kHU
Maximum cooling rate of anode 870W
Housing heat storage capacity 900kJ

X-ray detector(Iray brand Flat Panel Detector)

Type Amorphous Silicon
Scintillator Cesium Iodide
Active Area 17x17Inch(43cm*43cm)
Active Pixel 3072*3072
Pixel Pitch 139um
A/D Conversion 16bits
DQE ≧ 70%
Spatial Resolution 36Lp/cm
Acquisition time ≤2S

Collimator

Type Manual Collimator
Max. Window 440mm×440mm（SID=100cm）
Lamp AC/DC24V、5W
Lamp timer Automatic illumination with timer for lamp(30S)
Inherent filtration 1.0mmAl
Illuminant LED

Grid

Densities 40LP/CM
Ratios 10:1
Size 18″×18″
Focal distance 130cm

Photography table

Type Radiography Table
Tabletop size 2100mm×800mmX65mm
load-bearing 300KG
Floating front and back 150mm/150mm
Floating left and right 400mm/400mm

Column stand movement

Tube stand
Up-down movement 28~128cm
Stand left-right movement 78.5~157cm
Rotational angles of stand +180°～ -180°
Rotational angles of tube ±90°
Backy stand
FPD cassette Up-down movement 4~175cm

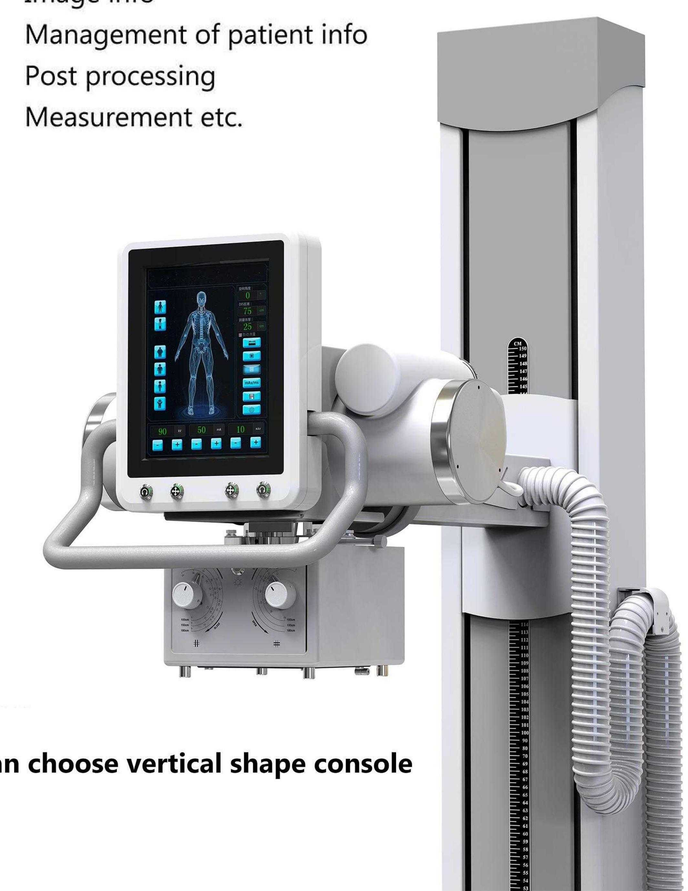
Workstation

Monitor 23″ LCD Dell brand
CPU ≥2.8GHz
Memory ≥4GB
HDD ≥1TB
DICOM3.0 Query for integration with any PACS
Functions Import/export function
Image info
Management of patient info
Post processing
Measurement etc.

X-ray Generator

	Mode SHO-DDX04 Series				
Output power	20kw	32kw	40kw	50kw	65kw
Current	10-320mA	10-400mA	10-500mA	10-630mA	10-800mA
Voltage	40kv-125kv	40kv-125kv	40kv-125kv	40kv-150kv	40kv-150kv
mAs	0.1-320mAs	0.1-400mAs	0.1-400mAs	0.1-630mAs	0.1-630mAs
Exposure time	0.002~6.3S				
Focus size	1.0/2.0	1.0/2.0	1.0/2.0	0.6/1.2	0.6/1.2

APR program Equipped
Intelligent protection system It has self-protection system.
It will give an alarm and check fault code.



***Also can choose vertical shape console**