

HONESTY CREATES QUALITY

品展示 PRODUCT DISPLAY

Shandong NeoCare Medical Equipment Co. Ltd. (referred to as "NeoCare Medical") was established in 2014. It is a technology guided enterprise that focuses on the research and production of medical equipment imaging technology, with a focus on technology. After more than 10 years of development, the company has become a company that integrates the research and development, production, medical diagnosis, and hospital management of imaging equipment, and has grown into an enterprise with advanced technology development and production capabilities. At present, the company mainly produces X-ray photography systems, related medical image processing software, imaging equipment upgrade solutions, and services. At present, the company has more than a hundred cooperative customers and sales outlets covering various provinces, cities, and grassroots hospitals across the country, mainly providing radiology imaging equipment and services to grassroots hospitals. Aiming to produce higher quality imaging equipment and provide more comprehensive and technologically advanced medical imaging technology services.



产品介绍

PRODUCT INTRODUCTION

NeoCare









Intelligent Control

Electric lifting columns Electric four-way floating bed Automated chest X-ray tracking

Core Components

High frequency generator Large capacity X-ray tube

Advantage

Fast, multi-position photography



NeoCare

X-ray tube automatic tracking detector

Make filming faster and better, effectively reducing the workload of operation technicians

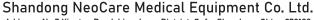


Large heat capacity tube



Support long-term continuous physical examination





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Specifications

Care 400HF

Frame		
Overall appearance	White	
Photography bed		
Photography bed	Fixed height 650mm±10mm	
	Manual, 4- way float (vertical	
Bed board motion control	900mm±10mm, Horizontal	
	250mm±10mm). Foot control	
	electromagnetic brake	
Bed locking method	Electromagnetic lock, power-off lock	
Bed board size	Length×width: (2130mm±10mm) ×	
	800mm±10mm)	
Bed board material	Density board	
Bed board load-bearing	≥200kg	

Ch	est	rack
~	Car	Iden

BUCKY

Safety

Flat panel detector

Manual lifting; electromagnetic braking, Motion control

power-off braking;

≤50N Initiation power **Braking power** ≥100N

Total height 2130mm±10mm

1400mm±10mm (minimum 360, **BUCKY distance**

maximum 1760)

Front panel material

Dimensions (length × width × height): Flat panel detector

460mm×460mm×15.1mm

Manual control, distance 500mm±10mm

Dimensions (length × width × height):

460mm×460mm×15mm

Emergency stop switch

Photography stand

Manual lifting; electromagnetic braking, Motion control

power-off braking

≤50N Initiation power **Braking** power ≥100N Distance of the column ≥1700mm along the track Total height 2210mm±10mm

1240mm±10mm (minimum 540mm, Tube vertical distance

maximum 1780mm) **Beam limiter** Manual beam limiter

Fixed length, axial rotation (tube rotation)

Tube support arm ±180°, axial rotation around the column

not less than ±90.

High Pressure Generator

Output power 32kW

Rating voltage 380VAC, ±10%, 50Hz/60Hz 3phase

Inverter frequency 25kHz.±10% kV accuracy

±5%

 $\leq \pm (5\%) (mA > 25mA, ms > 5);$ mA accuracy

 $\leq \pm (10\% + 1 \text{mA}) (\text{mA} \leq 25 \text{mA});$

≤±20%(ms≤5) Low speed

150 kV

3160 Lux

30s ±5%

24VAC, 0.2A

24V / 5W LED lamp

<20mmX20mm; at SID 100cm

43 X 43cm; at SID 100cm

Rotor Speed KV Range 40kV-125kV,1kv step

mA Range 10-400mA ms accuracy $\leq \pm (5\% + 0.2 \text{ms})$ mAs Range 0.1-420mAs mAs accuracy $\leq \pm (5\% + 0.2 \text{ mAs})$

Light beam device

Inherent filtration 1.5 mm Al (equivalent)

Optional additional 0. 5/1. 0/1. 5mmAl

filtering

Maximum tube assembly

is of high pressure

Average irradiation

brightness

irradiation time Light field indicator light

Input electricity

Minimum irradiation

field

Maximum irradiation

field

Weight 6.8kg±0.5kg

Wired flat-panel detector

Image size 43X43cm(17" X 17") **Dimensions** 46.0 X 46.0 X1.5cm

Pixel size 139µm X-ray Voltage Range 40-150KV Weight 3.2kg

Wireless flat-panel detector

43X43cm (17"X 17") Image size 46.0X46.0X1.5cm **Dimensions**

Pixel size 139um X-ray Voltage Range 40-150KV Weight 3.7kg

The X-ray tube assembly

Large focus for the Large focus: 32 kW maximum power

Focal point 0.6/1.0mm 250kHU Heat capacity Heat capacity of pipe

800kJ sleeve Target angle 12.0° Inherent filtration 1.0mm Al

Added filtration 1. 5mm Al (3X0. 5 mm AL)

Weight About 15kg

The components are aluminum shell,

Structure tangential, oil-immersed cooled, rotating

anode X-ray tube assembly.

Natural cooling or forced air cooling

Leakage radiation 150kV 3.4 mA

loading factor

Insulation impedance >2MQ Focus position and its

± 1.4mm tolerance to the

The X-ray radiation field At SID, 420 * 420mm at 1000 mm Power supply (neutral Single-phase, three-phase full-wave

ground) rectification or DC power supply

filament current

filament voltage Big focus: 11.5±1V, small focus: 7.5±1V

16~70°C

Nominal anode input

Large focus: 40KW, small focus: 15KW power

Anode speed 2800 rpm

Cooling-down method

Temperature range of

the components in

normal use

Maximum continuous

No less: 220W (18 kHU / min); thermal dissipation of Fan: 350W (28 kHU / min)

the components

Work environment requirements

Relative humidity 30% ~75% Atmospheric pressure 700hPa-1060hPa 5°C ~40°C Ambient temperature

Transportation and storage conditions

10% ~95% Relative humidity Atmospheric pressure 700hPa-1060hPa Ambient temperature -10°C ~50°C