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SMART DIGITAL X-RAY IMAGING SYSTEMS



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AG-Staray 5000

Digital Medical Radiography Systems–Z–Arm

⊕ With many intelligent features

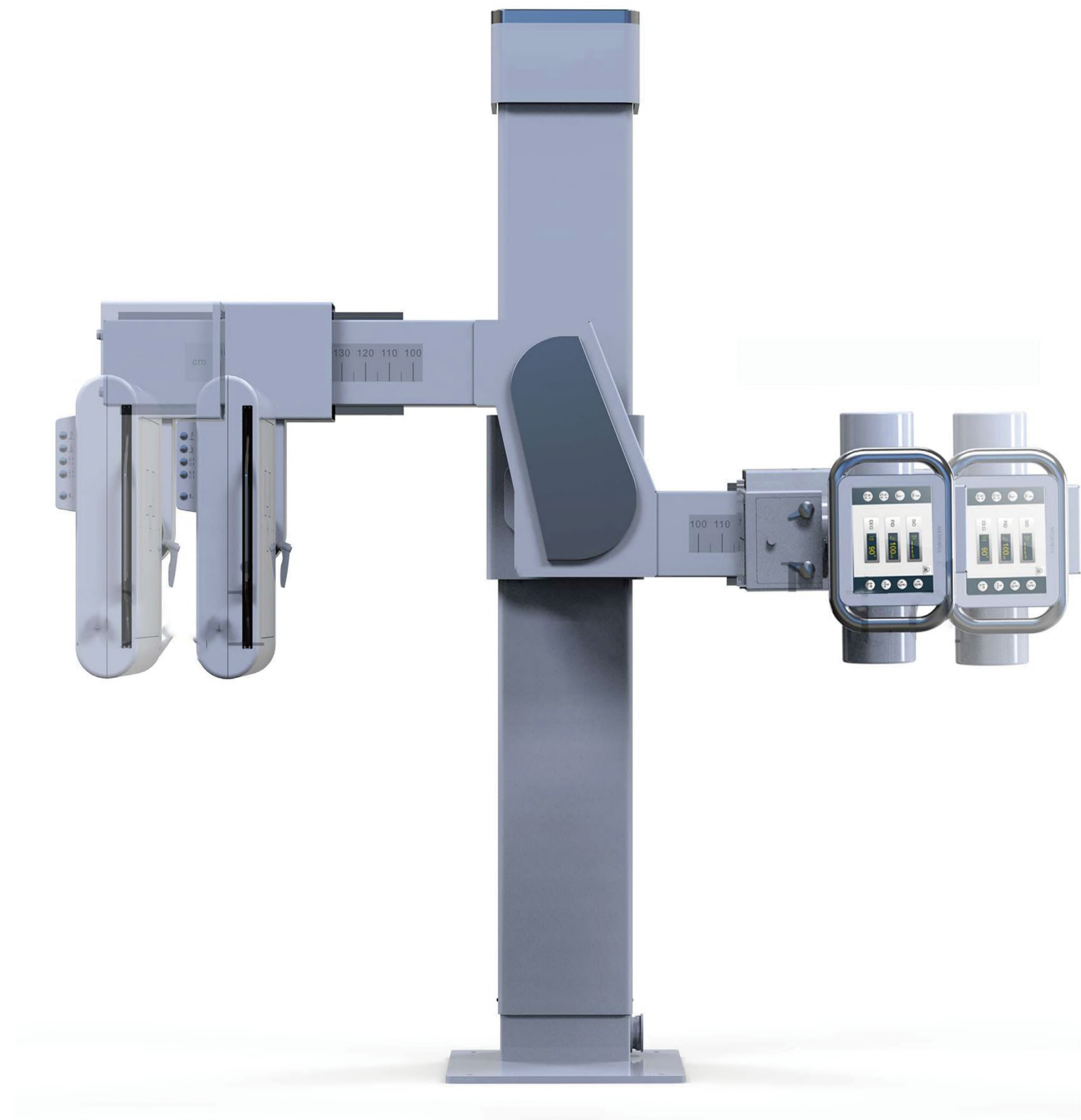
- ⊕ High Frequency High Voltage Generator

- ⊕ Independent research and development of flat panel detector

- ⊕ Small footprint fits most places



⊕ With many intelligent features

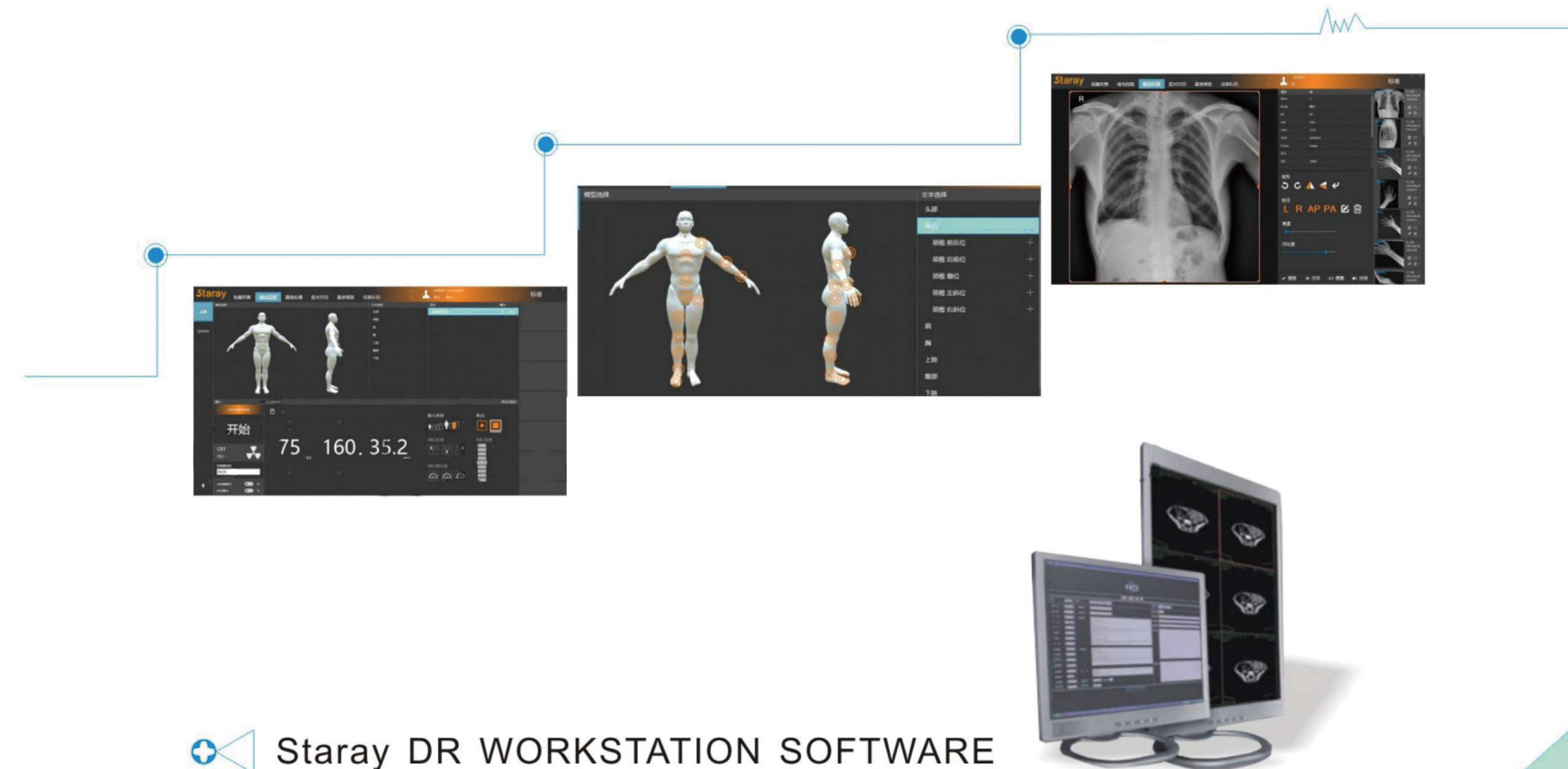


⊕ Synchronized movement of tube and detector
For quiet and fast SID changes

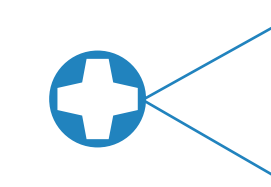
SUPER IMAGES



SIGNIFICANTLY IMPROVED DR WORKSTATION SOFTWARE



MAIN TECHNICAL SPECIFICATIONS

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1 FLAT PANEL DETECTOR

1.1 Amorphous silicon flat panel detector

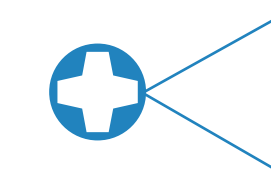
1.2 Effective pixels: ≥9 million

1.3 Pixel matrix: ≥3070*3070 pixels

1.4 Quantization depth: ≥16bit

1.5 Effective area: 17" *17"

1.6 Spatial resolution: ≥3.7Lp/mm

1.7 Imaging time: ≤7s
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2 MECHANICAL STRUCTURE: SCYTHERM ARM(TYPE Z)

2.1 Vertical range(scythe arm):600mm ~ 1600mm (±5%)

2.2 Rotation range of the scythe arm:-45° ~ +135° (±2°)

2.3 SID (vertical and horizontal)can be adjusted electronically,the range:1000mm~1800mm (±5%)

2.4 Rotation range of the tube assembly :-15° ~ +15° (±2°)

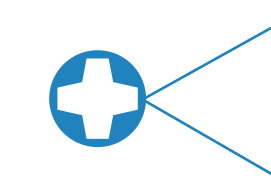
2.5 Rotation range of the detector :-45° ~ +45° (±2°)

2.6 The detector end can independently control the movement of the stand

2.7 9.5 "LCD touch screen

2.8 Minimum height of the equipment room:2.4m

2.9 The tube and detector move synchronously to maintain the balance of the stand

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3 HIGH VOLTAGE GENERATOR

3.1 High voltage generator smart network voltage real-time monitoring system(smart monitor)

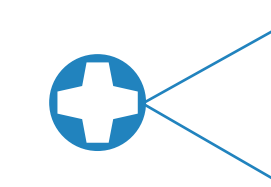
3.2 Power: ≥50kW

3.3 kV range:40kV-150kV

3.4 mA range:10mA-630mA

3.5 mAs range:0.1mAs-630mAs

3.6 Maximum operating frequency:200kHz

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4 X-RAY TUBE

4.1 Focus size: ≤0.6mm/1.2mm

4.2 Focus power:

Small focus: ≥ 20kW

Large focus: ≥ 50kW

4.3 Maximum heat capacity: ≥300kHU

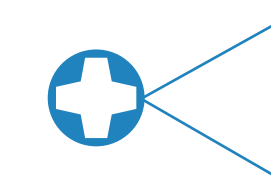
4.4 Maximum peak voltage: ≥150kV

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5 FILTER GRID

5.1 Ratio: ≥10:1

5.2 Density: ≥40L/CM

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6 LED COLLIMATOR

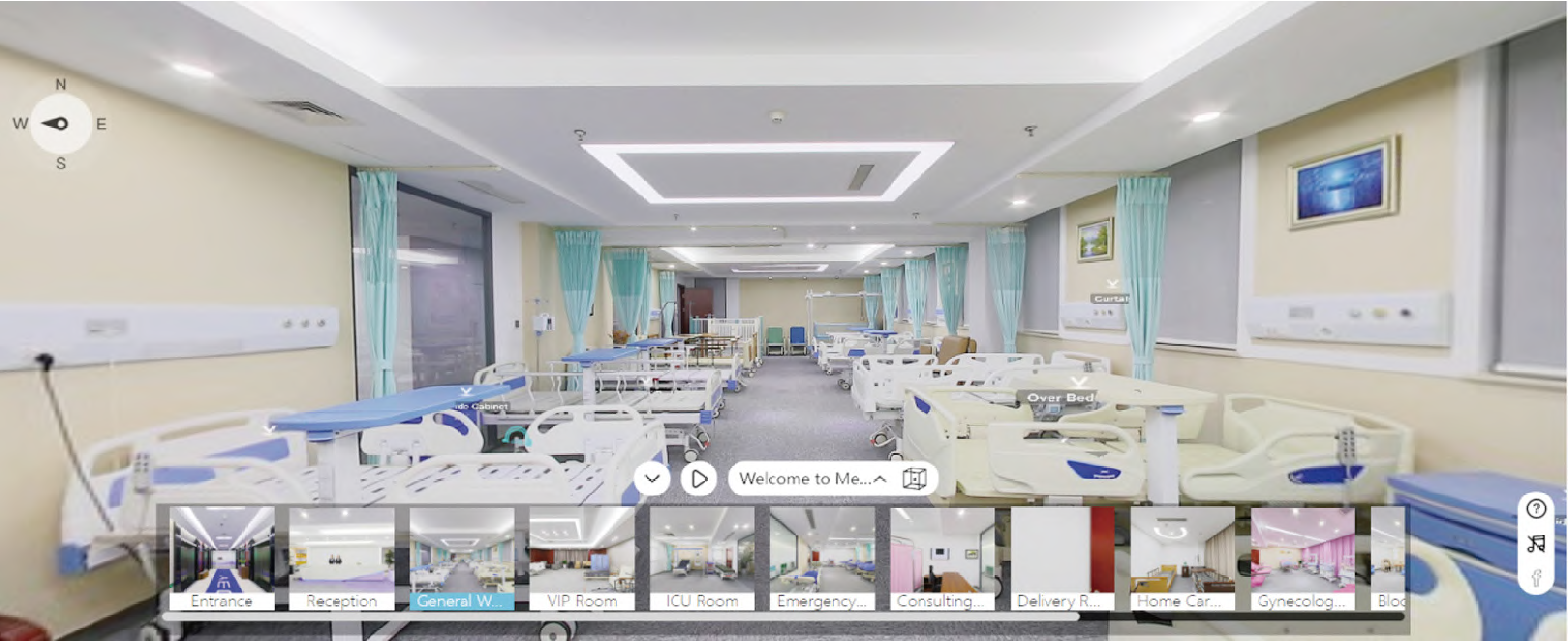
6.1 Time limit of indicator :30±3s

6.2 Inherent filtration:1.0 mm Al.EQ.


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7 WORKSTATION


7.1 DELL 5040MT,Intel Pentium G4400 processor, 4G/500G/DVDRW/WIN10,E2216H 21.5 inch high contrast display




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Jiangsu Medwish Network Technology Co., Ltd

Website: [www.medwish.com](#)

ADD: Aoyang International Building, Zhangjiagang, Jiangsu, 215600, China

Tel: 0086 138 1298 8917

Fax: 0086-512-58170725