



Wellmed Pro | Wellview Universal Group

TECHNICAL DATA SHEET

YSX-DM600 Digital Mammography System

Technical Specification

No.

Item

Specification

1

X-ray Generator

1.1

Definition

Complete Solid-state High-frequency
High-voltage Generator.

1.2

Generator Type

High Frequency Inverter 80kHz

1.3

Input Power

Single Phase 220VAC, 50/60Hz

1.4

Radiographic Ratings

Large Focal Point 20-35kV/10-510mAs

Small Focal Point 20-35kV/10-100mAs

1.5

Power Rating

6.2kW

2

X-ray Tube

2.1

Model

IAE C339V

2.2

Focal Spot Size

Dual Focus 0.1/ 0.3mm

2.3

Target Material

Molybdenum (Mo)

2.4

Port Material

Beryllium (Be)

2.5

High-speed Anode Drive

3000 /10000 rpm

2.6

Target Angle

10°/15°

2.7

Anode Heat Storage

225KJ (300KHU)

2.8

Anode Cooling

Air Cooling

2.9

Filtration

Mo(0.03mm)

3

Radiographic Stand

3.1

U-arm Vertical Movement

560mm

3.2

U-arm Rotation

Automatic return function by one key

3.3

Rotations Deg

+90°~-90°

3.4

Compressor

The compressor is automatically released after the exposure is completed

3.5

Compressor Max. Pressure

200N

3.6

Compressor Max. Travel

156mm

3.7

SID

650mm

4

Detector

4.1

Detector Material

Amorphous Silicon

4.2

Effective Coverage Of

Detector

24cm×30cm

4.3

Pixel Matrix

2816×3528

4.4

Limit Of Spatial Resolution

6.0Lp/mm

4.5

DQE Value

@4 Lp/mm:≥35%

4.6

Dynamic Range

14bit Digital Output

4.7

Pixel Size

85μm

4.8

Output

Ethernet

4.9

Working Condition

10°C-40°C

4.10

Storage Environment

-10°C-50°C

5

Image Acquisition

Workstation Hardware

5.1

CPU

Intel Core Duo 3.0GHz

5.2

Hardware

≥1T high Speed Hardware

5.3

Memory

≥8G

5.4

Display Card

≥2G

5.5

High Brightness

High-contrast LCD

1920 * 1080Pixel Resolution

5.6

Network interface Worklist

DICOM3.0 Transmission

100/1000 Gigabit Ethernet

5.7

Software

Imaging Software Package DMOC V1.0

6

Line Voltage

,Single Phase

7

Packing Weight

469kg

Panama | Central America | Caribbean | CARICOM

Information from the authorized catalog. Confirm configuration, accessories and documentation in the quotation.

Assisted translation: review the manufacturer specifications before purchasing.