



## CCX-550 Digital Mammography System Technical Specifications Table

### Configuration

Generator Input Power	Single Phase, 200-240 V AC
Max. Output Power	5kW
Current Tube Range (mA)	10 mA ~ 160 mA
Exposure Voltage Range(kV)	20 kV ~ 40 kV
Current Exposure Time Product(mAs)	0.5 mAs ~ 500 mAs
Exposure Time Range(ms)	5 ms ~ 10000 ms

### X-Ray Tube

Max. Current(mA)	160 mA
Focal Spot	0.1 mm /0.3 mm
Anode Target Angle	10°/15°
Anode Target Material	Mo
Rotation Speed	10000 rpm
Max. kW Ratings	4kW, 16 kW
Exposure Voltage	20 ~ 49kV
Anode Heat Capacity	300 kHU

### Flat Panel Detector

Detector Size	24 cm × 30 cm
Detector Material	9.4inch × 11.8inch
Scintillator	Amorphous Silicon (a-Si)
Pixel Size	Caesium Iodide (CsI)
Imaging preview time	77µm
Imaging time	9 s
Spatial Resolution	10s
A/D Converter	7 lp/mm
Matrix Size	16 bit
Data Transmission Method	4096×3072
	Ethernet

### Detector Type

Wired Flat Panel Detector

<b>Compression Plate</b>	
Compression Plate Size	24*30 cm standard
Elevation Method	Motorized/Manual Micro Adjustment
Release Method	Motorized/Manual
Elevation Range	≥25 cm
<b>Grid</b>	
Interspace Material	Carbon fibre
Cover Material	Carbon fibre
Focus	65cm
Grid Ratio	5: 1
Grid Density	41 L/cm
Grid Dimension	246mm × 338 mm
<b>Collimator</b>	
Illumination	≥ 180 LUX (SID=65 cm)
Light Source Delay Time	30s
<b>Main Unit</b>	
<b>C-arm</b>	
Rotation Method	Motorized
Rotation Angle	-165°~+180°
Vertical Travel Method	Motorized
Vertical Travel Range	65~140 cm
<b>Workstation</b>	
Operating System	Windows 10 English
CPU	Intel i3
Memory	8G
Hard Disk Drive	1T
Screen	22"
<b>Medical Display (optional)</b>	
Size	21.3"
Pixel Size	5M
Resolution	2048x2560
Brightness	1200 cd/m2
Contrast Ratio	1200:1
Viewing Angle	≥170°