Jadex Japan

X-Ray Series

X-Ray Series

- *Jadex-100 High Frequency Mobile X-Ray Equipment (100mA)*

Specifications	
Power Output	2.5KW
Frequency	25KHz
X-ray Tube	Fixed anode
	Focus 2.6mm
Tube Voltage	40~100KV (interval 1KV)
Tube Current	40~49KV 50mA 1~160 mAs
	50~59KV 42mA 1~160 mAs
	60~69KV 36mA 1~140 mAs
	70~79KV 31mA 1~125 mAs
	80~89KV 28mA 1~100 mAs
	90~100KV 25mA 1~80 mAs
mAs	1.0~160 mAs (45steps)
Power Supply	220V±10% 50Hz inner-resistance≤1.0??
Operation Method	Wire /Wireless control

- *Jadex-101A High Frequency Mobile X-Ray Equipment (63mA)*

Specifications	
Power Output	3.5KW
Frequency	40KHz
X-Ray Tube	Fixed anode
	Focus 1.5
Tube Voltage	40~110KV (interval 1KV)
Tube Current	40~49KV 63mA 1~125 mAs
	50~59KV 56mA 1~110 mAs
	60~69KV 45mA 1~90 mAs
	70~79KV 40mA 1~80 mAs
	80~89KV 36mA 1~71 mAs
	90~99KV 32mA 1~63 mAs
	100~110KV 20mA 1~40 mAs
mAs	1.0~125 mAs (45 steps)
Power Supply	220V±10% 50Hz inner-resistance≤1.0??
Operation Method	Wire /Wireless control

- *Jadex-101C High Frequency Mobile X-Ray Equipment (100mA)*

Specifications	
Power Output	5.0KW
Frequency	40KHz
X-Ray Tube	Fixed anode
	Focus 1.5
Tube Voltage	40~120KV (interval 1KV)
Tube Current	40~49KV 100mA 1~180mAs
	50~59KV 77mA 1~140mAs
	60~69KV 64mA 1~125 mAs
	70~79KV 55mA 1~110 mAs
	80~89KV 49mA 1~100 mAs
	90~99KV 44mA 1~80 mAs
	100~109KV 32mA 1~63 mAs
	110~120KV 25mA 1~50 mAs
mAs	1.0~180 mAs (46 steps)
Power Supply	220V±10% 50Hz inner-resistance≤1.0??
Operation Method	Wire /Wireless control

- *Jadex-101D High Frequency Mobile X-Ray Equipment (100mA)*

Specifications	
Power Output	5.0KW
Frequency	40KHz
X-Ray Tube	Fixed anode
	Focus 1.5
Tube Voltage	40~120KV (interval 1KV)
Tube Current	40~49KV 100mA 1~180mAs
	50~59KV 77mA 1~140mAs
	60~69KV 64mA 1~125 mAs
	70~79KV 55mA 1~110 mAs
	80~89KV 49mA 1~100 mAs
	90~99KV 44mA 1~80 mAs
	100~109KV 32mA 1~63 mAs
	110~120KV 25mA 1~50 mAs
mAs	1.0~180 mAs (46 steps)
Power Supply	220V±10% 50Hz inner-resistance≤1.0??
Operation Method	Wire /Wireless control
Built-in battery	with a built-in back up battery to enable taking 200 to 500 pictures after power interruption.
Rotary pillar	

- *Jadex-F30-III 30mA Mobile X-ray Unit*

X-ray Generator	Stationary anode, single focus, and bridge silicon rectification. The X-ray generator is an oil-immersed self-cooled unit.
Max rated capacity	85kVp, 30mA
Power supply	Voltage: 180~240V; Frequency: 50Hz Power: not lower than 3kVA; Resistance: not larger than 0.7Ω
Voltage adjustment range of X-ray tube	50~85kVp, divided into 8 steps
Range of the timer	0.2~10 s
Fluorescent screen size	280mm × 350mm
Distance between the focus to the screen	700 mm
Tube head carriage movement range	vertical: 1100 mm; horizontal: 160 mm
The rotation angle of tube head carriage	90°
The roatation angle of the controller and the accessory case	80°
Specification of X-ray tube	Model XD1-3/100 fixed anode, single focus 2.3mm
Transport dimension (L×W×H) (mm)	1650×880×600
Weight (kg)	Net: 98 / Gross: 164

- *Jadex-900 X-ray Unit*

FEATURES:
Shock-proof, fixed anode, whole-rectified
Somposed head and have both remote control and handle control, dependable brake, stable petformance, easy operation,
graceful model and easy movement .

SPECIFICATIONS:
Power supply: 220v± 10%, 50hz , 4kva
Output power:3 kw
Tube voltage: 40-90kvp
Tube current: 15ma (50kv-90kv) 30ma (50kv-90kv) 50ma (40kv-80kv)
Exposure time: 0.1-6.3 sec(15ma 30ma) 0.1-1, 5sec(50ma)
Operational method: hadle control/remote control
Safety:class1 type b

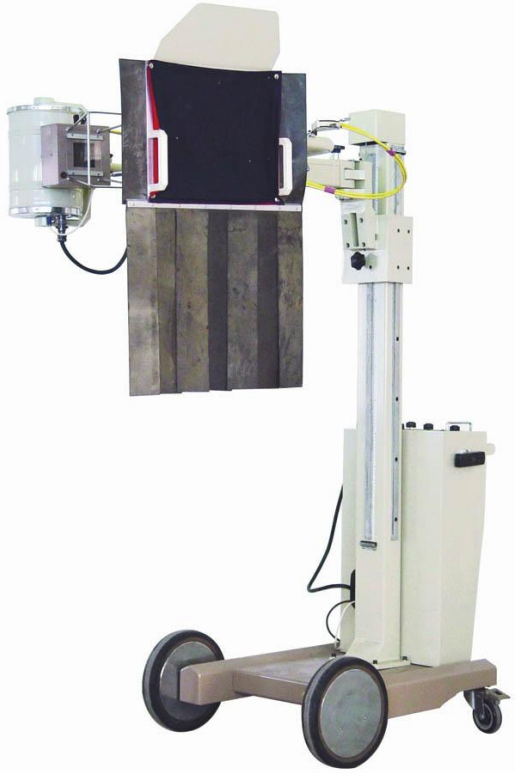
- *Jadex-102 Mobile X-ray Equipment (50mA)*

Specifications	
Power Output	3KW
X-Ray Tube	Fixed anode
Commute Method	Full wave commutation
Tube Voltage	40~90KV
	50~90KV 15mA
Tube Current	50~90KV 30mA
	40~80KV 50mA
	50~90KV 15mA 0.1~6.3s
Exposure Time	50~90KV 30mA 0.1~6.3s
	40~80KV 50mA 0.1~1.5s
Power Supply	110V±10% 60Hz inner-resistance≤1??4KW or 220V±10% 50Hz inner-resistance≤1??4KW
Operation Method	Wire /Wireless control

- *Jadex-F50-100 Beside X-ray Camera*

X-ray Generator	Stationary anode, single focus, and bridge silicon rectification. The X-ray generator is an oil-immersed self-cooled unit.
Max rated capacity	Current: 50mA 30mA Voltage: 90kVp 90kVp Time: 2s 6.3s
Power supply	Voltage: 180~240V; Frequency: 50Hz Power: not lower than 5kVA; Resistance: not larger than 1Ω
Voltage adjustment range of X-ray tube	45~90kVp, divided into 10 steps
Range of the timer	0.08~6.3s
Distance between the focus to the ground	600~1630 mm
X-ray tube	Longitudinal movement 240mm; Transverse rotation 60^{o}
Specification of X-ray tube	Model XD3-3.5/100 fixed anode, single focus 2.6mm
Transport dimension (L×W×H) (mm)	1040×755×2050
Weight (kg)	Net: 127 / Gross: 205

- *Jadex-F50-100 II Beside X-ray Camera*



X-ray Generator	Stationary anode, single focus, and bridge silicon rectification. The X-ray generator is an oil-immersed self-cooled unit.
Max rated capacity	Fluoroscopy: 75kVp, 3mA Radiography: 90kVp, 50mA
Power supply	Voltage: 180~240V; Frequency: 50Hz Power: not lower than 3.5kVA; Resistance: not larger than 1Ω
Voltage adjustment range of X-ray tube	45~90kVp, divided into 10 steps
Range of the timer	0.08~6.3s
Fluorescent screen size	280mm × 350mm
Distance between the focus to the screen	620 mm
Tube head carriage movement range	vertical: 950 mm; horizontal: 160 mm
X-ray tube focus transverse rotation	±60°
Specification of X-ray tube	Model XD3-3.5/100 fixed anode, single focus 2.6mm
Transport dimension (L×W×H) (mm)	1175×870×2050
Weight (kg)	Net: 150 / Gross: 244

- *Jadex-50IA Mobile Medical Diagnostic Equipment*

The unit is of single-focus,wholewave rectifying, Oil-immersed, self-cooling, mobile diagnostic-X-Ray unit.
Maximum rating
Power supply
Voltage:180~240V Frequercy:50/60Hz Power Line ohm≤1Ω rating:5k VA current:
Fluoroscopy<3A(Continuous) Radiography<20A(instant)
Timer 0.1~6s 17 step electron type
X-ray tube focus 2.3×2.3mm
Size of screen 350×350mm
Distance of focal spot from screen 600mm
Moving range of screen >800mm lateral 160mm
Maximum height of focal spot from floor > 1800mm
Minimun height of focal spot from floor < 500mm
The distance of the remote control>6M
The net weight of the unit:160kg

- *Jadex-F100 100mA Mobile X-ray Unit*

X-ray Generator	Stationary anode, double focus, and bridge silicon rectification. The X-ray generator is an oil-immersed self-cooled unit.
Max rated capacity	Current 15mA 30mA 60mA 100mA Voltage 90kVp 90kVp 90kVp 80kVp Time 6.3s 6.3s 4.0s 3.2s
Power supply	Voltage: 180~240V; Frequency: 50Hz Power: not lower than 7kVA; Resistance: not larger than 1Ω
Voltage adjustment range of X-ray tube	50~90kVp
Range of the timer	0.08~6.3s
Distance between the focus to the ground	700~1780mm
X-ray tube focus transverse rotation	±60°
Specification of X-ray tube	Model XD4 2.9/100 fixed anode, double focus 1.8/4.3mm
Transport dimension (L×W×H) (mm)	1230×900×2050
Weight (kg)	Net: 159 / Gross: 256

- *Jadex-F50-C 50mA Medical Diagnostic X-ray Unit*

X-ray Generator	Stationary anode, double focus, and bridge silicon rectification. The X-ray generator is an oil-immersed self-cooled unit.
Max rated capacity	Fluoroscopy: 75kVp, 3mA Current 50mA 30mA Voltage 90kVp 90kVp Time 2s 6.3s
Power supply	Voltage: 180~240V; Frequency: 50Hz Power: not lower than 5kVA; Resistance: not larger than 1Ω
Voltage adjustment range of X-ray tube	45~90kVp, adjustment in 10 steps
Range of the timer	0.08~6.3s
Fluorescent screen size	356 mm × 356 mm
Distance between the focus to the screen	max: 830 mm; min: 630 mm
Tube head carriage movement range	vertical: 1100 mm; horizontal: 260 mm
Beam limiter	field coverage at 100 cm FFD, 45×45 cm (max); 0×0 cm (min)
Specification of X-ray tube	Model XD6-3.5/100 fixed anode, double focus 1.0/2.6mm
Movement of the tabletop	400mm
Field size of spot film device	127mm×178mm (1 pc); 203mm×254mm (1 pc); 1/2 (127mm×178mm) (2 pcs)
Transport dimension (L×W×H) (mm)	2310×1000×1250
Weight (kg)	Net: 402 / Gross: 550

- *Jadex-70A Mobile X-ray Medical Diagnostic Equipment*

Maximum ratings

Current(ma)	Voltagec (kVp)	Exposure time(second)
30	90	0.063-5.0
50	90	0.063-1.0
	80	0.063-2.5
70	70	0.063-1.0

Power requirements

Voltage:180-240V Frequency:50Hz

Internal resistance: ≤1Ω Rating:5k VA

Current:Maimum15A for radiography

Time:0.08 to 6.32 steps electronic

Maximum height from X-ray tube focus to floor>1820mm

Minimum height from X-ray tube focus to floor<550mm

Collimator: Maximum film size at 1000mm

Focal distance: 430×430mm

Maximumermote control distance:6m

X-ray tube focus:2.6×2.6

Unit moving force:< 5kg

Net weight of the unit:90kg

- Jadex-100BY Mobile Medical Diagnostic X-ray Equipment

Power supply			
Voltage: 180-240 V			
Frequency: 50HZ			
Internal resistivity <1.0Ω			
Current 35A instant			
Rating ≥7k VA			
Photography:			
Voltage: 50-100 kV			
Current 16ma. 32ma 63ma 100ma			
Time 0.08s ~6.3s			
X-ray tube focus 4.3mm X4.3mm			
Maximum remote control distance: 7m			
Maximum height of focal spot from floor>1880 mm			
Minimum height of focal spot from floor <520 mm			
Columns turning angle:±45			
Collimator: maximum film size at 650mm focal distance: 350 mm X 350 mm			
The net weight of the unit: 150kg Gross Weight: 240kg			
Shipping volume: 150cm X 100cm X 150cm			
Focus of X-ray tube	Photograph Current (mA)	Max photograph voltage (kvp)	Max allowable exposure time
Big focus	16	90	6.3
	32	90	6.3
	63	85	4.2
	100	80	3.0

- *Jadex-F100DC Medical Diagnostic X-ray Unit*

X-ray Generator	Stationary anode, double focus, and bridge silicon rectification. The X-ray generator is an oil-immersed self-cooled unit.
	Fluoroscopy: 75kVp, 3mA
Max rated capacity	Current 15mA 30mA 60mA 100mA Voltage 90kVp 90kVp 90kVp 80kVp Time 6.3s 6.3s 4.0s 3.2s
Power supply	Voltage: 180~240V; Frequency: 50Hz Power: not lower than 7kVA; Resistance: not larger than 1Ω
Voltage adjustment range of X-ray tube	45~90kVp, continuous adjustment
Range of the timer	0.08~6.3s
Fluorescent screen size	356 mm × 356 mm
Distance between the focus to the screen	max: 830 mm; min: 630 mm
Tube head carriage movement range	vertical: 1100 mm; horizontal: 260 mm
Beam limiter	field coverage at 100 cm FFD, 45×45 cm (max); 0×0 cm (min)
Specification of X-ray tube	Model XD4 2.9/100 fixed anode, double focus 1.8/4.3mm
Movement of the tabletop	400mm
Field size of spot film device	127mm×178mm (1 pc); 203mm×254mm (1 pc); 1/2 (127mm×178mm) (2 pcs)
Transport dimension (L×W×H) (mm)	2310×1000×1250
Weight (kg)	Net: 404 / Gross: 550

- Jadex-160 200mA X-ray Radiograph System

Specifications	
Power Output	15KW
Inverter Frequency	40kHz
	XD56-5 17/130
X-Ray Tube	Small focus: 0.3 Large focus: 0.6
	Thermal capacity: 212kJ (300 KHU)
The speed of the rotary anode	3000rpm
Tube Voltage	40~125kV
Tube Current	200mA
mAs	1~360mAs
Bucky grid	Grid density 103L/INCH; Grid ratio:10:1 Focus distance:150cm Stationary18"×18"(import)
Power supply	220V 50Hz, Capacity: ≥16kW
Operation method	graphic remote-control LCD touch screen and wireless remote-control exposure (Optional: control box of graphic remote-control LCD touch screen)

- *Jadex-R300 High Frequency Radiograph System*

The basic configuration comes with a floor-mounted tube stand		
The very slim profile of the floor rail reduces interference with personnel or stretchers moving through the room to a minimum		
Futhermore, the entire system does not require any wall or ceiling attachments, making for trouble free and easy installation.		
This series systems are equipped with HF generators with power level from 30 to 50kW, depending on your requirements in terms of application and workload.		
All the units have integrated APR (Anatomic Programs) to reduce parameter setup times and maximize your workflow.		
Main Unit	Three-phase	380 (±10%) V
	Capacity	≥40kW
	Frequency	50Hz ± 1Hz
	Resistance	≤0.2Ω
	Frequency	30kHz ± 1Hz
	Max. output	320 mA / 100 kV / 200 mAs
	Voltage	40~125 kV (45steps)

	mAs	1.0~250 (47 steps)	
Table		T17K	T17F
	Tabletop Height	750mm	700mm
	Tabletop longitudinal movement	550mm	550mm
	Tabletop transverse movement	230mm	230mm
	Wall stand longitudinal movement	1570mm	1570mm
	Column rotation	Nil	360°
	Tube rotating around Y axis	-20°~+120°	-20°~+120°
	Bucky device movement	810mm	550mm
	X-ray tube Vertical movement range	≥1150mm	≥1300mm

- *Jadex-R500 High Frequency Radiograph System*

The basic configuration comes with a floor-mounted tube stand			
The very slim profile of the floor rail reduces interference with personnel or stretchers moving through the room to a minimum			
Futhermore, the entire system does not require any wall or ceiling attachments, making for trouble free and easy installation.			
This series systems are equipped with HF generators with power level from 30 to 50kW, depending on your requirements in terms of application and workload.			
All the units have integrated APR (Anatomic Programs) to reduce parameter setup times and maximize your workflow.			
Main Unit	Three-phase	380 (±10%) V	
	Capacity	≥50kW	
	Frequency	50Hz ± 1Hz	
	Resistance	≤0.13Ω	
	Frequency	30kHz ± 1Hz	
	Max. output	500 mA / 100 kV / 50 mAs	
	Voltage	40~150 kV (50steps)	
	mAs	1.0~250 (47 steps)	
Table		T17K	T17F
	Tabletop Height	750mm	700mm
	Tabletop longitudinal movement	550mm	550mm
	Tabletop transverse movement	230mm	230mm
	Wall stand longitudinal movement	1570mm	1570mm
	Column rotation	Nil	360°
	Tube rotating around Y axis	-20°~+120°	-20°~+120°
	Bucky device movement	810mm	550mm
	X-ray tube Vertical movement range	≥1150mm	≥1300mm

- Jadex-HF50-R 50kW High Frequency Radiograph System

	Kvp Range	Radiography 40 ~ 150KVp
	mA Range	Radiography 25 ~ 630mA
	Time Range	Radiography 1.0 ms ~ 5000ms
Generator	Lowest Current Time	0.5 mAs
	3-Phase Power Supply	380VAC±38VAC
	Power Frequency	50Hz±1Hz / 60Hz±1Hz
	Power Capacity	60KVA
	Rated Voltage	150kV
X-ray Tube	Rated Focal Spot Value	0.6
	Anode Heat Storage Capacity	2,30,000HU
	Heat Storage of Tube Assembly	1,350,000HU
	Table Surface (L×W×H)	2100×800×650 mm
	Table Surface Moving Range	Vertical: 900mm; Horizontal: 240mm
Radiographic Table	Table Surface Lock Mode	electromagnetic lock, braking force≥100N
	Table Surface Lock Control	foot switch (permanent on status)
	Grid Dimension	356mm × 432mm (14"×17")
	Filter Vibrating Mode	fixed

	Dimension of The Film used in Filter	Max. 356mm × 432mm (14"×17") (17" film can only be used in table vertical direction
Source Assembly Stand	X-Ray Tube components Up-and-Down Motion Range	≥1220mm
	Movement Range Between Tube Focus and Film	1100mm
	X-Ray Tube Assembly Vertical Motion Range	≥2380mm
	X-Ray Radiation Component Rotating Range Around Support Arm Axis	-120° ~ +120°
	X-Ray Radiation Component Rotating Range Around the Vertical Axis of the Stand	0° ~ ±90° and 90° mechanical positioning lock
	X-Ray Tube Assembly Locking Force	Electromagnetic locking braking force ≥ 100N
Collimator	Mode of Adjustment	Manuel
	Radiation Field	450×450mm [Max SID = 100cm]; 2×2mm [Min SID = 100cm]
	Time Limit of the Light Source	≤30s
Ion Chamber	Sensitivity Per Measuring Field	60-80 pC/uGy
	Difference Of The Measuring Field	≤5%
	Dose Rate Range	0.5-1000 uGy/s
	Exposure Dose Range	1ms-10s

- *Jadex-F52-8C Remote Controlled Diagnostic X-ray System*

Generator	Radiography kV Range	44 to 125kV total 41 steps	
	Radiography mA Range	30 to 500mA total 8 steps	
	Exposure Time	0.02 to 5s total 23 steps	
	Fluoroscopy kV Range	44 to 110kV	
	Fluoroscopy mA Range	0.5 to 5mA continuous regulation	
	TOMO	Tomographic capability	
	Anatomical Programing	Yes	
	Power Supply	380VAC±38VAC, 3-phase	
	Power Frequency	50/60Hz±1Hz	
	Power Capacity	50kVA	
X-ray Tube		XD52-30.50/125	XD51-20.40/125
	Rated Voltage	125kV	125kV
	Rated Focal Spot Value	1.0/2.0mm	1.0/2.0mm
	Max Power(0.ls)(kW)	30 (small) / 50 (big)	20 (small) / 40 (big)
	Rotate Speed (min1/rpm)	2800 (50Hz)	2800 (50Hz)
	Anode Heat Storage Capacity	190,000HU	140,000HU
	Heat Storage of Tube Assembly	1,250,000HU	1,250,000HU
Diagnostic	Film Size and Exposure	8" × 10"	

Table	Procedure	10" × 12"
		11" × 14"
		14" × 14"
	Send Film Method	Film feed driven by motor; Automatic skipping
	Range of Movement	≥720mm (longitudinally)
		≥200mm (transversely)
		≥260mm for pressure direction, Press power: 80~100N
	Pattern of Movement	Driven electrically
	Filtering Grid	Fixed type; grid ratio: r=8; grid density: N=40L/cm
		Focal distance: 70cm; Size: 14" ×14"
	Range of Movement	+90° ~ 0° ~ -15°
	Pattern of Movement	Driven electrically, at a speed of about 90°/30s
	Range of Movement	Able to be extended 30cm at the front end
	Pattern of Movement	Driven electrically, at a speed of about 3cm/s
Radiographic Table	Tabletop Length	2000mm
	Tabletop Width	740mm
	Tabletop Height	658mm
	Tabletop Movement	Longitudinal: 1200mm; Lateral: 200mm
	Strut Movement Along Table (Longitudinal)	1200mm
	DIS Travel while X-ray Tube Assembly Vertically Moving up and down	1100mm
	Rotation Range of X-ray Tube Around Lateral Arm	+120° ~ -120°
	Strut Rotation Range	+180° ~ -180°
	Tabletop Locking	electromagnetically locking, brake pressure≥100N
	Tabletop Locking Control	footswitch (normally closed)
	Bucky Vibration Mode	Fixed type
	Focus	fo=100
	Grid Size	14" X 17" (356mm × 432mm)
	Film Loaded in Bucky	Max 14" × 17"
	Longitudinal Travel of Bucky	500mm
	Bucky Locking	electromagnetically locking, brake pressure≥100N
Image	Working Mode	Continuous

System	Scanning Ratio	2.1 Interlaced	
	Number of Scanning Line	625TCL	
	Number of Frame per Second	25	
	Aspect Ratio	4: 3	
	CCD Camera	400,000 pixels CCD	
	Resolution	Horizontal Center≥800 TVL; Vertical Center≥400 TVL	
Image Intensifier	Model	Thales	
	Input size	9 inch (9”/6”/4.5”)	
	Resolution	46 lp/cm	
	DQE	65%	
		Image Processing Function	
		Last image hold	
		8 images storage	
		Dynamic function	
		Static function	
		Digital mask circle	
		Automatic KV control	
	14 inch monitor 1set		
Collimator		XS1-2	XS1-2
	Mode of Adjustment	Manuel	Electrically-Driven
	Maximum Tube Voltage	150kV	150kV
	Radiation Field [Max SID = 65cm]	350mm X 350mm	350mm X 350mm
	Radiation Field [Min SID = 100cm]	0	≤50mm X 50mm
	Time Limit of the Light Source	≤60s	N/A
	Inherent Filtration	1.5 (mmAl)	N/A
	External Dimension (L×W×H)	250×224×250mm	212×212×223mm

- Jadex-112 High Frequency C-arm System

Specification		
Fluoroscopic Capacity	Max rated capacity	Tube Current 4mA, Tube Voltage 110kV
	Automatic Fluoroscopy	Tube Voltage:40kV~110kV adjust automatically Tube Current:0.3mA~4mA adjust automatically
	Manual Fluoroscopy	Continuous tube Voltage:40kV~110kV Continuous tube Current:0.3mA~4mA
	Pulse Fluoroscopy	Continuous tube Voltage:40kV~110kV Continuous tube Current:4.1mA~8mA
Photography Capacity	Max rated capacity	3.5 KW
	Tube voltage, mAs	40kV~110kV 20~63mA 1~125mAs
	Plateholder size	200mm×250mm(8"×10") or 250mm×300mm(10"×12")
X-ray Tube	X-ray tube special for High frequency	Fixed anode x-ray tube with 2 focus: Large focus: 1.5, small focus: 0.6 Inverter Frequency: 40kHz Thermal capacity: 30kJ (40kHU)
Video System	Image Intensifier	Image Intensifier made by TOSHIBA (9")
	CCD vidicon	Imported CCD Vidicon with ultra-low luminosity
	Monitor	Horizontal 1000 lines and vertical 800 lines, Bandwidth: 12.5MHz, Image/sec: 25
	CCU (central control)	Recursive filter: K=8, 7 images storage, image upright, image overturn, positive & negative image; LIH(last image freeze, and OSD(monitor display)
Structure	Direction-wheel	±90°revolution, can change the moving direction of the unit.
	Ascending & descending range of pillar	≥400mm
	C-Arm	Forward and backward movement: 200mm Revolution around horizontal axis: ±180° Revolution around vertical axis:±15 Slip on orbit: 120°(+90°~ -30°)

- Jadex-112B High Frequency C-arm System

Specification		
	Max rated capacity	Tube Current 4mA, Tube Voltage 120kV
Fluoroscopic Capacity	Automatic Fluoroscopy	Tube Voltage:40kV~120kV adjust automatically Tube Current:0.3mA~4mA adjust automatically
	Manual Fluoroscopy	Continuous tube Voltage:40kV~120kV Continuous tube Current:0.3mA~4mA
	Pulse Fluoroscopy	Continuous tube Voltage:40kV~120kV Continuous tube Current:4.1mA~8mA
	Max rated capacity	5.0 KW
Photography Capacity	Tube voltage, mAs	40kV~120kV 20~100mA 1~180mAs
	Plateholder size	200mm×250mm(8"×10") or 250mm×300mm(10"×12")
X-ray Tube	X-ray tube special for High frequency	Fixed anode x-ray tube with 2 focus: Large focus: 0.6, small focus: 0.3 Inverter Frequency: 40kHz Thermal capacity: 150kJ (200kHU)
	Image Intensifier	Image Intensifier made by TOSHIBA (9")
	CCD vidicon	Imported CCD Vidicon with ultra-low luminosity
Video System	Monitor	Horizontal 1000 lines and vertical 800 lines, Bandwidth: 12.5MHz, Image/sec: 25
	CCU (central control)	Recursive filter: K=8, 7 images storage, image upright, image overturn, positive & negative image; LIH(last image freeze), and OSD(monitor display)
	Direction-wheel	±90°revolution, can change the moving direction of the unit.
Structure	Ascending & descending range of pillar	≥400mm
	C-Arm	Forward and backward movement: 200mm Revolution around horizontal axis: ±180° Revolution around vertical axis:±15 Slip on orbit: 120°(+90°~ -30°)

- *Jadex-10 Portable X-ray Unit*

Specifications	
Far fluoroscopy	75 kVp 3-5mA [uncontinuous use]
Far radiography	75 kVp 10mA 6 sec, (interval time: 3 minutes) (Routine fluoroscopy condition: 65kVp 3mA)
Power supply	AC 220V,50HZ, 1kVA
Current	for fluoroscopy 2A(uncotinuous) for radiography 6A(instantaneous)
Size of screen	203mm ×254mm
Range of movement	up-down: 220mm, left-right: 130mm
Tube turning angle	vertical 360°, horizontal 320°
Volume	50cm×31cm×18cm
Weight	25KGS

- *Jadex-30 X-ray Unit for Mammography*

It is used to diagnose early mamma pathological changes		
Using the Mo.target X-ray tube can show the pathological changes details.		
A nipple areola cuticles fat galactophore canals glandular tissue connective tissue and blood vessels can be seen in the picture.		
It has high correctness for distinguishing benign tumor and malignant tumor.		
It can be moved to sickroom to photograph beside bed.		
The unit can also be used to find foreign matters in human body to do nondestructive inspection of right metal and nonmetal materials.		
Main Character	Shockproof, single focus and bridge rectification	
Max rated capacity	Current	30mA
	Voltage	34kVp
	Time	2s
Power Supply	Voltage	180~240V
	Frequency	50Hz
	Power	Not lower than 1.3kVA

Range of the timer	0.4~2 s
Film Size	127mm×178mm
The movement of camera head mounting	Vertical: 630mm; Rotation: ±180o; Adapt to different part of human
The camera head mounting horizontal range	160mm
Rotating angle of the module of the camera head mounting and the pole	180°
Specification of X-ray tube	XD7-1.05/35 1mm×1mm, Fixed anode, single focus
Dimension and Weight	760mm×1030mm×2020mm; Gross Weight: 200kg

- *Jadex-3000 X-ray Unit for Mammography*

	High frequency constant voltage: 40kHz
	Voltage rang: 22-35kVp, 1kV step
High voltage generator	Max. Current: 100mA
	Max. Output power: 5Kw
	Exposure condition control: Manual/Auto
	Dual focus: 0.1mm/0.3mm
X-ray tube	Anode heat capacity: 150KHU
	Anode type: Rotating Anode
	Rotating angle: 145°
	SID: 60cm Fixed
C-arm	Anti-scatter grid: Carbon based fine plate
	Cassette size: 18×24cm
	Gantry: 650mm×950mm×1860mm
	Console: 456mm×327mm×880mm
Dimensions	C-arm vertical movement renge: 630mm
	Overall weight: 250kg
	Manual/Auto: Auto (motor)
	Compression force/method: Max.18Kg/Auto,three speeds, flexible, fast pressure release
Compressor	
	Compression force display: LED
	Compressor paddle movement range: 268mm
Power	220VAC,30A

X-ray Related

- *Jadex-380A X-ray Film Processor*

Specifications	
Film Size	5×7~14×17
Developing Speed	90S~360S
Developing Temperature	20°C~40°C ±0.3°C
Drying Temperature	30°C~60°C ±5°C
Channel Volume	8L
Power Supply	220V/50Hz
Power Input	3kW
Water	Temperature : 0°C~35°C Flux : 1.3L/min during processing
Size	900mm(length)×580mm(width)×1100mm(height)
Net Weight	85 kg

- *Jadex-380E X-ray Film Processor*

Developed film size : 5" x 7"~ 14" x 17"
Max. developing width : 356mm (14")
Channel volume : 9L
Developing speed : 90S ~ 180S at option
Developing temp.: 28°C ~ 35°C at option
Developing capacity : 150 pcs/h
Power source : AC220V, 50/60Hz
Power : 1.8kw
Net weight : 86kg
Gross weight : 150kg
Packing : 1340x750x1200 (LxWxH)

- *Jadex-380F X-ray Film Processor*

Developed film size :5" x 7"~14" x 17"
Max. developing width :356mm (14")
Channel volume :9L
Developing speed :90S ~ 180S at option
Developing temp. :28°C ~ 35°C at option
Developing capacity :150 pcs/h
Power source :AC220V, 50/60Hz
Power : 1.8kw
Net weight : 90kg
Gross weight :155 kg
Packing :1340 x 750 x 1300 (L x W x H)

- *Jadex-430B X-ray Film Processor*

Specifications	
Film Size	5×7~14×17
Developing Speed	90S~360S
Developing Temperature	20°C~40°C ±0.3°C
Drying Temperature	30°C~60°C ±5°C
Channel Volume	8.5L
Power Supply	220V/50Hz
Power Input	3kW
Water	Temperature : 0°C~35°C Flux : 1.3L/min during processing
Size	930mm(length)×600mm(width)×1100mm(height)
Net Weight	90 kg

- *Jadex-435B X-ray Film Processor*

Specifications	
Film Size	5×7~14×17
Developing Speed	90S~360S
Developing Temperature	20°C~40°C ±0.3°C
Drying Temperature	30°C~60°C ±5°C
Channel Volume	9L
Power Supply	220V/50Hz
Power Input	3kW
Water	Temperature : -1°C~35°C Flux : 1.3L/min during processing
Size	950mm(length)×630mm(width)×1150mm(height)
Net Weight	95 kg

- *Jadex-435T X-ray Film Processor*

Developed film size : 5" x 7"~14" x 17"
Max. developing width : 430mm (17")
Channel volume : developer 4.3L, fixer 3.6L, water 3.6L
Developing speed : 180S or 100-180S at option
Developing temp. : 28°C--35°C at option
Developing capacity : 100pcs/h
Power source : AC220V, 50/60Hz
Power : 1.5kw
Net weight : 40kg
Gross weight : 100kg
Packing : 1050 x 830 x 710 (L x W x H)

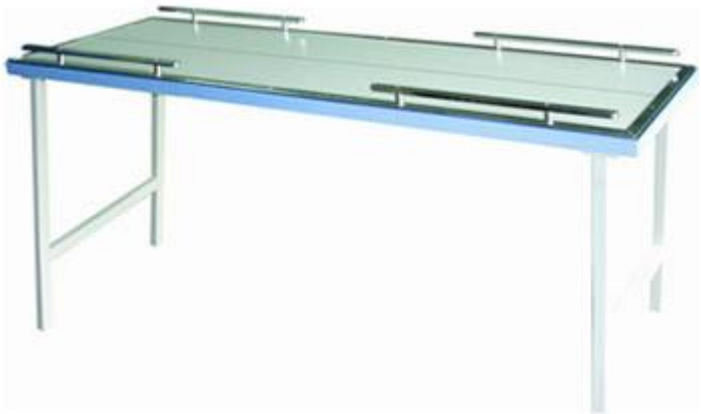
- *Jadex-14P X-ray Film Processor*

LCD display
Film sizes: 3"×6"-14"×17"
Develop time: 25S, 35S, 45S.
Processing speed: 100S, 140S, 180S
Temerature: 20°C~40°C
Processing capacity: 80films / hour (14"×17") 120piece / hour (10"×12")
Slot capacity: 6L
Feeding method: automatic or by manual, feeding volume can be adjusted by the user
Power: 1.8kw (AC220V,50~60Hz)
Volume: 800 (L) * 560 (W) * 1100 (H) mm
Suitable for processing X-ray Films, CT films and MPI films

- *Jadex-150 Mobile Surgical Bed for C-arm*

Specifications	
Size of the bed surface	1960mm(length)×586mm(width)
Height of the bed surface	660mm (low position)~910mm (upper position)
Ascending and descending range	≥250mm
Loading Capacity	≥135kg
Gradient bed surface	
Bed surface can be taken-down, moved conveniently with wheel brake control	

- *Jadex-151 Simple Surgical Bed for C-arm*



Specifications	
Size of the bed surface	1960mm(length)×586mm(width)
Height of the bed surface	800mm (fixed)
Loading Capacity	≥135kg
Gradient bed surface	

- *Jadex-152 Bed for Mobile C-arm Camera*

Specifications	
Size of the bed surface	2000mm(length)×700mm(width)
Height of the bed surface	500mm
Moving range of cassette hanger	1680mm

- *X-ray Film*

Medical x-ray film is a middle and high speed, high contrast and high clarity, blue or green light sensitization film. Which is applicable for high speed rare earth sensitization-developing screen or calcium tungsten acid sensitization-develping screen.

The film can be developed either with rapid speed and high temperature or manually.