

PLD 7600A High Frequency R&F Digital X-ray System



Packing Details: (3 wooden cases)

Product name	Length(mm)	Width(mm)	Height(mm)	N.W (kg)	G.W (kg)
Diagnostic bed	2235	1450	1340	1206	1360
Sedecal HV Generator	1900	1060	1120	110	135
Control console	1150	820	740	110	170

I. Application

Full support perspective, gastrointestinal spot film, GI (barium meal, barium enema), orthopedic photography, pediatrics photography, chest, urinary system angiography, peripheral angiography operations, gynecological Photography (HSG) and many other checks, the real machine can realize all these function.

II. Specification

Item		Content	Technical parameter
Power supply		Voltage	380V±38V
		Frequency	50Hz±1Hz
		Capacity	≥63kVA
		internal resistor	≤0.17Ω
High-frequency generator (Sedecal)		Power Output	50KW
		Inverter frequency	60kHz
	Photography	Tube Voltage	40kV—150kV
		Tube Current	10mA—640mA
		Exposure time	1ms—10000s
	Fluoroscopy	Tube Voltage	40kV—125kV
		Tube Current	0.5mA—6mA continuous regulation
		Exposure time	0-10mins
Digital Controlled X-ray Tube (Toshiba, Japanese)		Tube Focus	1.2mm /0.6mm
		Input Power	Large focus:50kW Small focus: 20kW
		Anode Thermal capacity	210KJ
		Tube Thermal capacity	900KJ
Micro-computer control digital tube remote diagnostic table		Material of the tabletop	high strength, low absorb carbon fiber
		Rotation of the table	90°~0°~-25°
		Transverse travel of table	±110mm
		Longitudinal travel of the photography holder and film spot device	≥720mm
		SID	1100-1500 mm
		Rotating foot plate	±360° rotation
		Dividing method for spot film	Full film Half dividing Three parts dividing Four parts dividing
		Control method for diagnostic table	Remote Table control Soft starting and stopping
		Beam limiter	Electric Multi-leaf

	Fixed bucky device for table	Grid density: 103L/INCH Grid ratio: 10:1 focusing distance: 120cm fixed type: 15"×18"
Digital Image Processing System	Image Intensifier	THALES (23XZ4)
	CCD camera	0.4 Mega pixel
	Monitor (Optional)	Medical high definition monitor Horizontal central resolution ratio :1000 lines Fringe: 800 lines Video bandwidth: 12.5MHz Gray level: 10
	Image Processing Software	LIH, Mega pixel image output, 5 levels noise reduction, 3 levels gamma correction, Sharpness correction, Positive and negative image, Vertical & horizontal Image mirror flip, Full-screen or partial image window width & window position adjustment, Can save more than 10,000 image without power supply, Graphical report, Dicom 3.0
	Display	LCD Monitor