



# X-Ray 3360 HF Digital Digital FPD DR System



EPC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

## **Analytical Technologies Limited**

An ISO 9001 Certified Company

### www.analyticalgroup.net





#### Packing :1045kgs, 7.00CBM

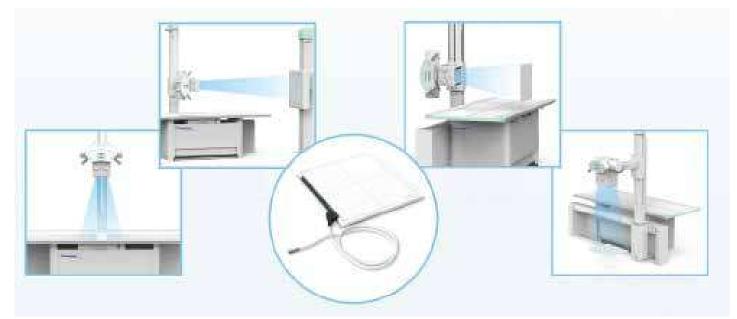
Product name	Туре	Length	Width	Height	N.g	G.g	Wooden Case
		(mm)	(mm)	(mm)	(kg)	(kg)	Weight(kg)
Packing Details							
Radiography Table	SYC20	2290	1340	910	410	546	136
Bucky Stand	XPJ30	2360	800	550	140	240	100
Control console	KZT10	1760	1085	915	110	133	23
HV Generator	ESQ30R	986	547	1077	120	146	26

#### **Applications:**

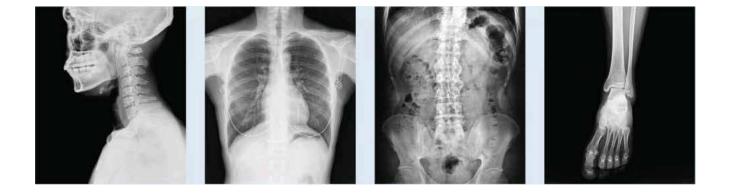
Used for the digital photography of patients' chest, abdomen, bone and soft issue etc.

#### Features:

The floating table with bucky stand can meet the photographic requirements of different standing and lying positions. The bed floating and electromagnetic lock design makes it convenient for the accurate position of the lying patient, operation is much more convenient and flexible.







The world leading Toshiba 14" \*17" OEM digital flat Panel detector can help you get the high-definition images.

The leading domestic high power compact high frequency X-ray generator and high frequency power inverter makes the machine much more compact and more convenient without the extra high-voltage generator and cable.

The application of the KV and MA digital closed-loop control technology and the real time control of the microprocessor ensure the accuracy and repeatability of the dose.

The multiple automatic protection features and fault tips ensure safety during the operation process.

#### Configurations :

Part Name	Model	Qty	Note
Control Console	KZT10	1 unit	PLD



HF HV generator	FSQ30R	1 set	PLD
X-ray tube assembly	LQ16	1 unit	Hangzhou China
Collimator	XSQ30	1 unit	PLD
Radiography Table	SYC20	1 unit	PLD
Bucky Stand	XPJ30	1 unit	PLD
Flat Panel Detector	PLD-1417S	1 set	Toshiba OEM
Image acquisition Workstation	DRA40	1 set	
Display	MD19M1	1 unit	Optional
Cables etc accessories	HFDRS 3600	1 set	

#### Main Technical Parameters:

Item		Content	Technical Parameter		
Power Supply		Voltage	220V		
		Frequency	50Hz		
		Capacity	≥40kVA		
		internal resistor	≤0.15Ω		
		Power Output	32KW		
		Inverter Frequency	30 KHz		
Generator	photogra phy	Tube Voltage	40kV—150kV		
		Tube Current	10mA—320mA		
		Exposure time	1.0ms—6300ms		
Digital Controlled X-ray		Tube Focus:Large Focus/Small Focus	1.2mm /0.6mm		
Tub	е	Input Power	Big focus 40kW / Small Focus 20kW		
1000		thermal capacity	110KJ		
		Rotary anode speed	2800rpm		
		Table longitudinal movement	≥900mm		
		Table transverse movement	≥220mm		
Radiograph	ny Table	Pillar movement along table	≥1300mm		
		Detecting holder movement	≥500mm		



	Tube assembly up-downmovementCollimatorTable use fixed grid		500mm~1280mm		
			Manual Multi-leaf		
			Grid density 103L/INCH, grid 10:1 SID: 120cm, fixed model: 15"×18"		
	Radio-graphic of movement along pillar	levice	≥1300mm		
Bucky Stand	Cassette SID:		450 ~1780mm		
	Fixed grid:		Grid density 103L/INCH, grid 10:1 ; SID 180cm; Size: 15"×18"		
Flat Panel Detector	Vision size:358mm(H)×430 mm(V)Pixel Matrix:2560(H)×3072(V)Pixel gap:139 μmImaging time:less than 10sLimiting resolution:3.5 lp/mm typA / D transform:14 bitExample and the second se				
	Energy range: 40 - 150 kVp Biggest input dose (low transmission gain) : 4 mR / frame Date out: A 16-bit digital output Ethernet (1000BASE - T) Command control: Ethernet (1000BASE - T) Power input: DC 24V 4.8A				
Work Station	CPU System	Brand: DELL OPTIPLEX 7010 commercial use Processor: Core <sup>™</sup> i5-3570 processor RAM: 4GB DDR3 Hardware: 500GB SATA (7200 rpm) CD-driver: suit MT's 16X variable-speed DVD + / - RW With functions of double written Network Card: Broadcom NetXtreme 10/100/1000 PCIe Gigabit LAN GNTB-A , High display card: 1GB AMD RADEON HD 7570,FH,with DVI-VGA Adapter Slop: PCIE seriel port and parallel port, all height, MT			
	Color LCD Monitor	19 inches 1M LED backing light LCD displa revolution1280x1024 5:4screen dot pitch 0.294mm, contrast ratio: 1000:1, brightnes 250cd/m <sup>2</sup> , Grey feedback time : 5ms visu Angle: 160/170°			
	Monochrome Monitor		1024,19 inches, brightness 1000cd/m <sup>2</sup> , ast Ratio 900 : 1		
	Work Station Software	Basic operation: change control console password, edit ID, acquisite images.			



Additional operation: Add new check, edit
present checking info, add new position, change
image aquisition order, multi-checking
agreement chance, manual adjustment of
exposure parameters, automatic exposure control
mode, focus choice, patient body-type choice,
tube capacity check, ESA curve choice, image
cutting, note added (sent to DICOM
workstation), mark on images, rotate or
overturn, full-size image observation, check
patient info and dose info, accept or refuse
images.
Image management: change order, patient basic
info editing, inquiry history images, resend
history images, re-print history images, check
images mark info, review history images,
manage refused images, space reclaimed, image
protection, and manual image deletion etc.
System management: ID edition, change ID
password, ED refrigeration set, statistics info
checking, detector calibration, equipment
control, output order management, image
measurement.

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HPLC Servicing : HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

- Trainings :We also take up preventive Maintenace to reduce downtime of HPLC's Trainings.
- AMC's/CMC : We offer user training both in-House and at customer sites on PLC principles, operations, troubleshooting.
- Validations :We have protocols for carrying out periodic Validations as per GLP/ GMP/U SFDA norms.

Instruments : Instruments : We offer instruments / Renting Services Modules like pumps, detector etc. on Rent.



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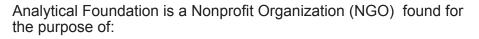
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7



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