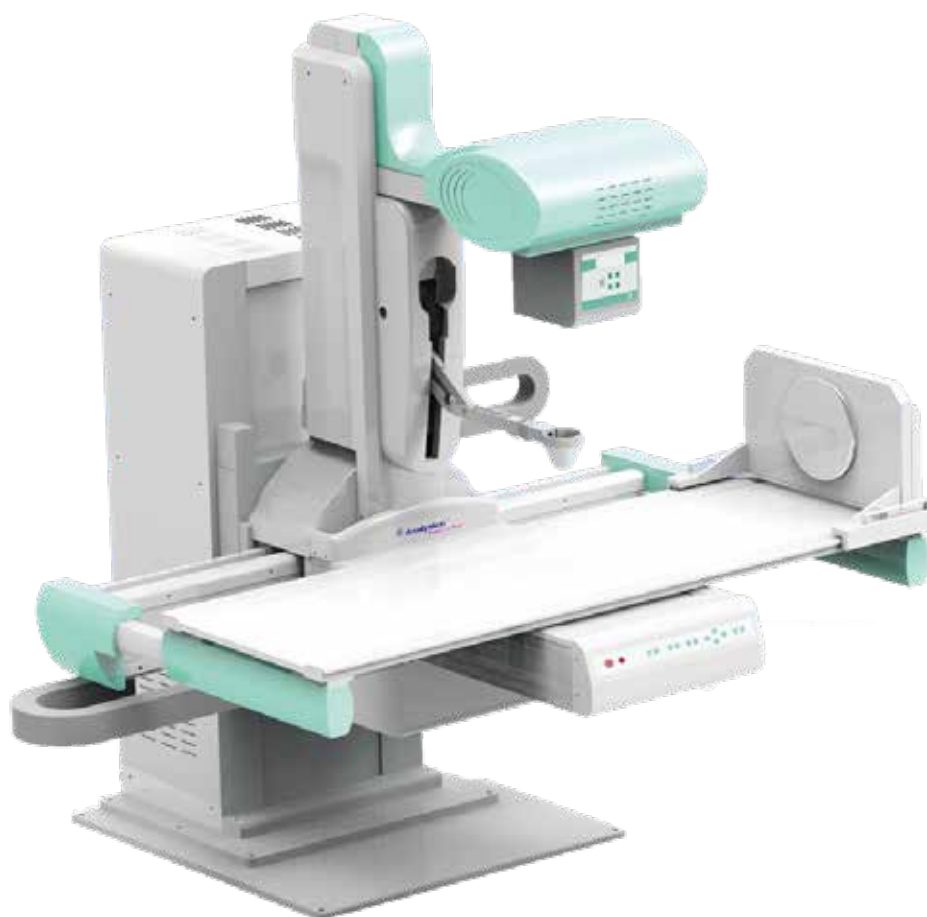


DRF - 3960

Dynamic FPD RF System
HF Digital Radiography and Fluoroscopy System



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

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►► Features & Benefits :

Low radiation dose High conversion rate Instant exposure Green and safe

- Adopt advanced pulse fluoroscopy technology, combined with high standard hardware configuration. Well integrated ultra low dose and ultra high quality images.
- New automatic dose control system, obtain clearer image information with less radiation dose, reduce radiation exposure to doctors and patients.

2 fluoroscopy modes adjustable



Clear and Accurate Diagnosis Excellent Image Quality

Millisecond snapshot, meet various clinical diagnostic requirements



Chest radiography



Lumbar vertebra radiography



Esophagography



Upper Gastrointestinal Contrast



Lower Gastrointestinal Contrast



Full Gastrointestinal Contrast

Intelligent Control People-oriented and Great Care

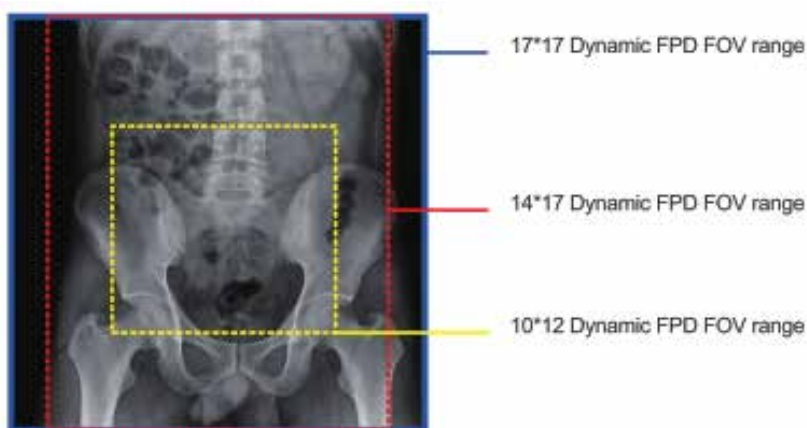
Focus Details Perfect Experience

Flexible and efficient multi_dimensional movement
Full satisfaction in varieties of positions.



Smart Innovation Fully functional dynamic FPD Excellent image wide-range view

17*17 large size dynamic FPD, which brings large acquisition area, wide imaging field and full image coverage.



High frame rate

High frame rate, makes it possible to acquire high definition images in dynamic mode the same as in the static mode.

The highest acquisition speed can be up to 30 frames/second, clear and smooth dynamic images.



Automatic stitching function

Scoliosis and weight-bearing skeletal deformity of lower limbs, Preoperative and postoperative panoramic photography can directly reflect the extent and location of the lesion. Provide reliable diagnostic basis for clinical practice.



►► Specifications :

Work Station



Computer System

Computer: STRIX B250H GAMING motherboard
 Processor: Core™ i5-7500 (3.2GHZ)
 RAM: 8GB DDR4 2400
 Hardware: 1TB
 CD-driver: suit MT' s 16X variable-speed DVD for MT+/-
 RW With functions of double written
 NIC: 1000/100M Fast Ethernet Card Broadcom NetXtreme
 10/100/1000 PCIe
 Graphics card: Colorful gtx1050 2G
 PCIe card with serial port and parallel port

Color LCD Monitor

21.3 Inch 2M Gray Scale display
 Revolution 1600*1200
 Dot pitch: 0.294mm
 Contrast ratio: 1400:1
 Brightness: 1900cd/m
 Grey feedback time: 5ms
 Visual Angle: 160/170°

Basic operation:

Change control console password, edit ID, Acquiring images.

Additional operation:

Add new check, edit present checking info, add new position, change image acquisition 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.

Work Station Software

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:

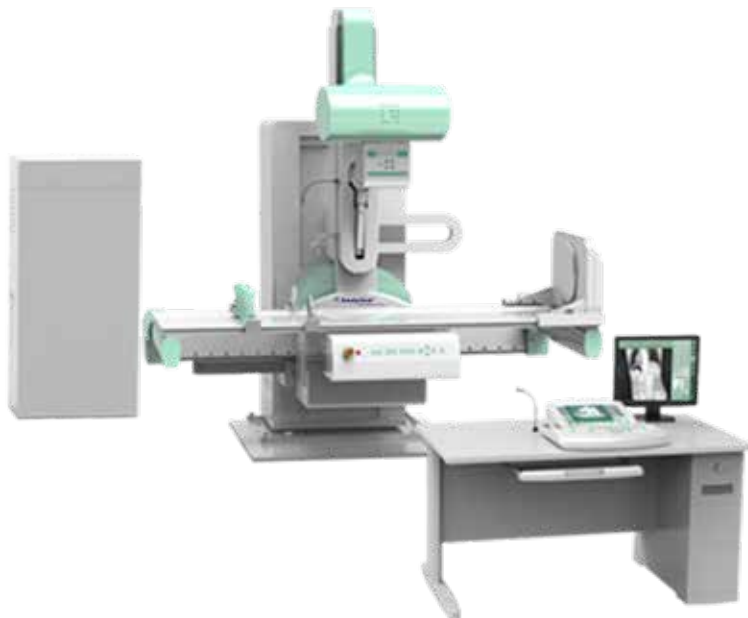
ID edition, change ID password, ED refrigeration set, statistics info checking, detector calibration, equipment control, output order management, image Measurement.

Item	Content	Technical Parameters
Power	Voltage	380V ± 38V
	Frequency	50Hz ± 10Hz
	Capacity	≥120kVA
	Internal Resistance	≤0.11Ω
X-ray Generator 	Power	80KW
	Inverter Frequency	440KHz
	Radiography Tube voltage	40kV - 150kV
	Radiography Tube current	10mA-1000mA
	Radiography Exposure time	1.0~10000ms
	Radiography mAs	0.1 mAs-1000mAs
	Fluoroscopy tube voltage	40kV-125kV
	Fluoroscopy tube current	0.5mA~10mA (continuous) 5mA~20mA (Pulse fluoroscopy)
Collimator	View light	Halogen lamp, AC24V/100W
	Brightness	> 100Lux
	Visible light illumination	4s~45s(Adjusted).
	Filter	≥1 mmAL
Xray tube 	Model:	E3786X
	Tube Focus: big/small	1.2mm /0.6mm
	Input power	Big focus 100kW Small focus 40kW
	Anode thermal capacity	420KJ (600KHU)
	Rotary anode speed	9700rpm (180Hz)
	Target angle	12°
	X-ray cover range	430*430mm (SID 1 000m)
	Fixed filter	1.1mm Al/75kV

Dynamic Flat Penal Detector



Active area	427(H)mm x427(V)mm
Pixel matrix	3072(H) ×3072(V)
Pixel pitch	139 μm
Cycle time	≤6s / 3k*3k
Pulse fluoroscopy	20fps/1536*1536, 25fps/1024*1024
Continuous fluoroscopy	20fps/1536*1536, 30fps/1024*1024
Limiting resolution	≥3.7 line pair/mm
A/D transition	16 bit
Energy range	40 - 150 kVp



►► Table Movement Mangement :

Content

Technical Parameters

Upside down range	+90°-0°~-90°
Vertical movement	1200mm
Lifting range	800mm
lateral movement range	320mm
LOAD	135kg
SID	1000mm - 1800mm
Tube Swing	+45°~0°~-45°
Tube Rotate	0°~+180

HPLC Servicing, Validation, Trainings and Preventive Maintenance :

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 Maintenance to reduce downtime of HPLC's Trainings.

AMC's/CMC :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

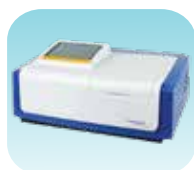
Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



About Analytical Technologies

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufacturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

Our Products & Technologies



UV/VIS
Spectro 2080+
Double Beam



Infra FTIR



Optima Gas
Chromatograph
3007



Optima Gas
Chromatograph
2979 Plus



Flash
Chromatograph



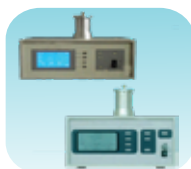
Atomic Absorption
Spectrophotometer



Liquid Partical
Counter



Optical Emission
Spectrophotometer



DSC/TGA



Semi Auto Bio
Chemistry Analyzer



HEMA 2062
Hematology
Analyzer



Micro Plate
Reader/Washer



URINOVA 2800
Urine Analyzer



Total Organic
Carbon 3800



Fully Automated
CLIA



NOVA-2100
Chemistry Analyzer



PCR/Gradient PCR/
RTPCR



TOC
Analyzer



Laser Particle
Size Analyzer



Ion Chromatograph



Water purification
system

Regulatory compliances



Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



Analytical
Foundation

1. Research & Innovation Scientist's awards/QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at Info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

Reach us @



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