CSHFD - 3038

CELLING SUSPENDED HIGH FREQUENCY DIGITAL

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

Analytical Technologies Limited

An ISO 9001 Certified Company

▸▸ PRODUCT DESCRIPTION

Product Usage

CSHFD 3038 high frequency digital x-ray equipment can meet different parts radiography, such as head, chest, abdomen, waist, lumber, thoracic, pelvis, limbs etc. And meet different positions radiography, such as lay decubitus, side position etc. it is fixed digital x-ray machine and we can use it at bus and truck.

▸▸ PRODUCT SPECIFICATION

Item	Content	Technical Parameters
Power	Voltage	380V±10%
	Frequency	50Hz±1Hz
	Capacity	≥105kVA
	Internal Resistance	≤0.11Ω
Generator	Power	80KW
	Inverter Frequency	440 KHz
	Tube voltage	40kV—150kV ,Steps 1kV
	Tube current	10mA—1000mA
	Exposure time	0.1ms—10000ms
	mAs	0.1-1000mAs
X-ray source assembly	Input power	Big focus 102kW Small focus 40kW
	Anode thermal capacity	285KJ(400KHU)
	Anode maximum heat dissipation	1164KHU/min
	Tube thermal capacity	950KJ(1339KHU)
	Rotary anode speed	9700rpm
	Tube Focus:big/small	1.2mm /0.6mm
Digital Flat Panel Detector	Active area	427(H)×427(V)
	Pixel matrix：	3072(H)×3072(V)
	Pixel pitch:	139 μm
	Cycle time:	Less than 6 s
	Limiting resolution	3.1 lp/mm typ
	A / D transition:	16 bit
	Energy range	40 - 150 kVp
	Power Input:	DC 24V 2A
Movement	Table horizontal movement	220mm
	Table vertical movement	900mm
	Tube horizontal movement	230mm
	Tube vertical movement	210mm
	Tube update & down	1450mm
	Rotation of the tube assembly around the column	360°
	Rotation angle of the tube assembly around the horizontal axis	±90°
	Height of the table	500~720mm

▶▶ Image acquisition workstation

Computer system

Processor: Intel Core Quad Core Processor i5-6500 (3.20 GHz)

Memory: 8 GB DDR3L

Hard disk: 1T SATA (7200rpm)

Optical drive: DVD-RW disc burner

▶▶ Workstation software

Basic skills:

Registration: new patient; emergency registration; appointment registration; RIS registration;

Local database: Set query conditions; sort the query results and modify the title bar.

Check: edit patient basic information; output patient check; close check; delete registered check; protect existing check; multi-protocol check; add, delete and copy position in check; reject captured image; restore rejected image; Switch between.

Additional functions: adjust the exposure parameters and exposure sequence; save the adjusted exposure parameters; adjust the orientation of the X-ray tube and the buck; plate status indication; exposure status display; generator control; image preview. Image processing functions: LUT curve and symphony image processing; view patient and exposure dose information; image arbitrary and custom size cropping; add body position and arbitrary markers; add notes information; image selection; image scaling; image partial magnification; window width window ; image movement; image inversion; clockwise rotation; counterclockwise rotation; vertical flip; horizontal flip; window display; 1:1 display; 1X1 layout; 1X2 layout; 2X2 layout; 4X4 layout; distance measurement; angle measurement; image reset ; image deletion; brightness adjustment; black and white adjustment; image reprocessing; image queue transmission and export; image printing, printing film typesetting; image film scaling. System management functions: workstation information; user management; emergency registration settings; information statistics; detector calibration; configuration tools.

User Management: Add User; User Permission Settings; User Password Modification; Delete User.

Emergency registration settings: new emergency registration; delete emergency registration; modify emergency registration information; default inspection protocol.

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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 Maintenace 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.

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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, Manufaturing, 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:

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 personallities 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 DETOXIFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

Analytical Technologies Limited

HPLC Solutions   MultipleLabs   Analytical Bio-Med   Analytical Distributors   Analytical Foundation (Trust)

Corporate & Regd. Office:
Analytical House, # E67 & E68,
Ravi Park, Vasna Road, Baroda,
Gujarat 390 015. INDIA

T: +91 265 2253620
+91 265 2252839
+91 265 2252370
F: +91 265 2254395

E: info@hplctechnologies.com
info@multiplelabs.com
info@analyticalgroup.net

W. www.analycalgroup.net
www.hplctechnologies.com
www.multiplelabs.com

Sales & Support Offices:
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Distributors & Channel
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