THE FUTURE OF DR.



NO. 7/24 Stebondale Street, London, United Kingdom

Authorized Distributor: Goldengate Holdings Limited, Dubai, U.A.E



ELK3210-RAD E Digital Radiography System



DR Mara - U SOO

ELEKTRO GENESIS

ELK 3210 - RAD E

Digital solutions can be affordable and still meet the high quality standards you need. With our E LK 3210-RAD E we offer a complete, scalable DR solution that can grow and develop with your facility. A solution that allows you to choose your own digital path at your own pace and that answers the need to deliver higher throughput with a lower cost per examination, all while pro-viding excellent image quality.

That's the ELK 3210-RAD E.





Digital Radiography made affordable

Created to meet the needs of community hospitals and private radiology practices, the E LK 3210-RAD E enables price-sensitive customers to join the drive to go digital. Its versatile floor mounted radiography system enables you to go from film to CR to DR.

Floor-mounted easy for installation and operation

The E LK 3210-RAD E is floor mounted system comprises a radiographic table with integral floor guide rail and a wallstand. Requiring little room preparation, it is easy to install.

Supports additional software function

The software of E LK 3210-RAD E is researched and development by E LE KTRO themselves. For more application on radiography, we added Imaging Stitching function. It is useful for the shooting for chest, spine and leg. It is our optical function for user.

Compact appearance and structure

E LK 3210-RAD E according to the international advanced processing mode and standardized design. The parts are made with high precision CNC machining and moulding. Which adopt high degree of standardized, reasonable and compact structure. With reliable, durable and elegant appearance and advanced processing technology.

• X-Ray High Voltage Generator

Automatic Exposure Controls (AEC) deliver faster switching and highly accurate exposures.



Output power	50kW	
Input power	75kVA	
Power source condition	Triphase AC380V±10%, 50Hz	
Operating mode	Interval loading, continuous operating	
Tube voltage	40kV ~ 150kV, adjusted by number keypad,	
	minimum step size is 1kV.	
Tube current	10mA ~ 630mA, adjusted by number keypad	
Loading time	1ms ~ 6300ms, adjusted by number keypad	
Current time product	0.5mAs ~ 630mAs, adjusted by number keypad	

X Ray Tube

Toshiba E7876X, Stable performance.

Brand	Toshiba E7876X
Focal spot	0.6mm / 1.2mm
Rotation speed	2700rpm@50Hz, 3200rpm@
Max voltage	150KV
Heat capacity	230kHU (111KJ)
Max rate (kw)	20/46kW@ 50Hz

Flat Panel

Amorphous silicon without splicing 14*17inches , Gos /Csi for your choice High sensitivity Excellent spatial resolution Green low dose exposure Ultralow R noise More stable performance and environmental adaptability

Technical Specifications

Receptor Type	TFT
Conversion Screen	a-Si / Gos
Dimensions	35.3 cm x 42.4 cm (14
Pixel Pitch	140µm
Spatial resolution	3.4 lp/mm
A/D Conversion	16bit





14*17 inches

4" x 17")	

Dual flat panel (Optional)

Flexible Configuration for your choice.

Dual Column stand

Widely clinical examination for users.

Meet the needs of all body parts, one machine meets all clinical applications.

Faster, safer and more accurate than CR.

DR masterpiece of UK, over 1000units installation in domestic market already.



ELEKTR0 exclusive integrated console realized the rack-control, high-voltageexposure, and voice-prompt in one console.

Integrated console



Frame-control zone

11- 11-xx

+i ok



Powerful image acquisition and processing system

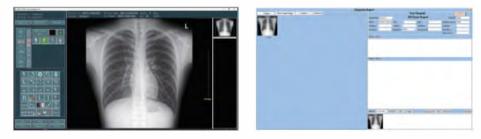
ELEKTRO Smart-DR[™] FP

ELEKTRO Smart-DR[™] FP is an independently designed and developed digital X-ray acquisition and imaging software system that passed all IHE tests conducted by the UK and obtained this computer software copyright issued by State Copyright Administration. The imaging system is tailored for Elektro's flat-panel detector and has an highly integrated central control system. The simple, smooth operation, precision control of the acquisition time and photography dose, and powerful image processing capabilities all make the ultralow dose and excellent image quality possible in clinical application.

The advanced APR control system can save countless shooting parts and shooting conditions in advance according to different user requirements, making the operation even easier.

High-performance workstation, large-capacity hard disk, and standard DICOM 3.0 transmission printing, providing powerful hardware guarantee for image acquisition, preview, post-processing, storage and transmission printing.





Registration



Image Processing

Image Printing

ELEKTRO Power Solution

Highlight

Low requirements

Low cost no need to connect three-phase electricity and voltage regulator.

Small size

no need to occupy additional room space, placed with the high voltage generator.

Excellent performance

conventional voltage is also achieving 50KW high power output.

Multiple compatibility

It is not limited by the power grid, and can achieve multiple needs of single phase electricity, two-phase electricity, or three-phase electricity.



Medical monitor: 23" LCD DELL

	Resolution	1280 * 1024 (1M)
	Image processing	Automatic or mar adjustment, ROI w
		Image turnover, c
		Image continuous
		Rich label functio
	Image data manage	Image adopt vario Patient's informat
	User individuation design	set the interface a
		System: Windows
	Host computer	Hard drive: 500G
		VGA Card: High e
		Optical driver: DV



Workstation (Dell desktop)

)

anual window position and window width window position and window width adjustment

circumgyrate

us enlarged, automatic or manual image cut

on

rious of Inquire way (name, time,ID etc) ation register

and toolbar as you want

cPU: Intel Core 2

GB Internal storage: 4 G

efficiency speedup card

VD +/-RW

After-sales Service

With professional technical supports, timely deployment of resources, professional training programs and internet intelligent device management scheme, the Customer Service Center provides timely, professional and efficient equipment maintenance, personnel training and intelligent equipment hosting service for customers.

- Permanent Technical Support and maintenance.
- Training Support.
- 24HRespond.
- Romote operation available

