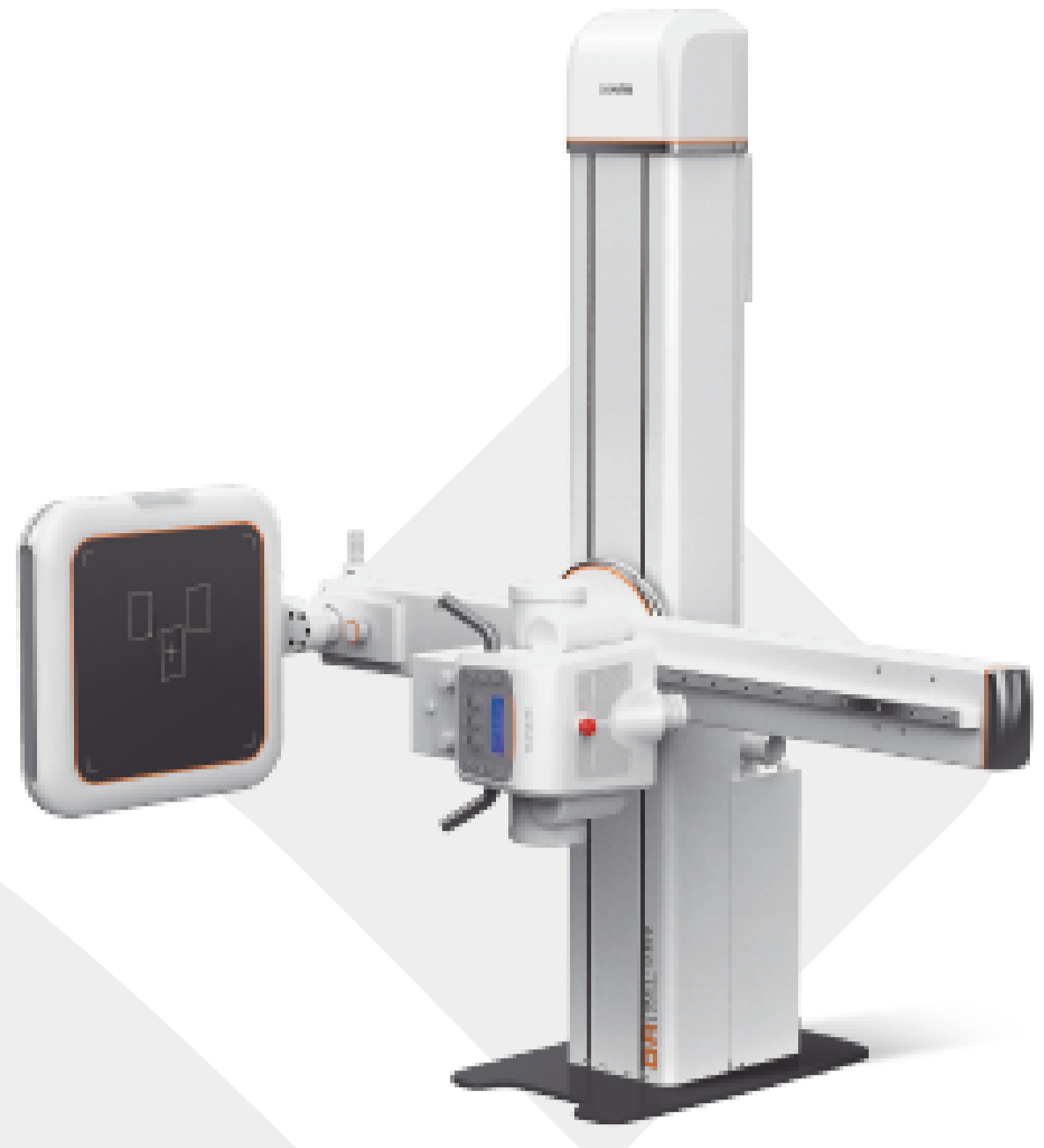


ELEKTRO GENESIS DIGITAL RADIOGRAPHY



Product List

Digital Radiography System



ELK100-P50E



ELK3210-RAD E



ELK3210-RAD E



ELK60-U

Core Components



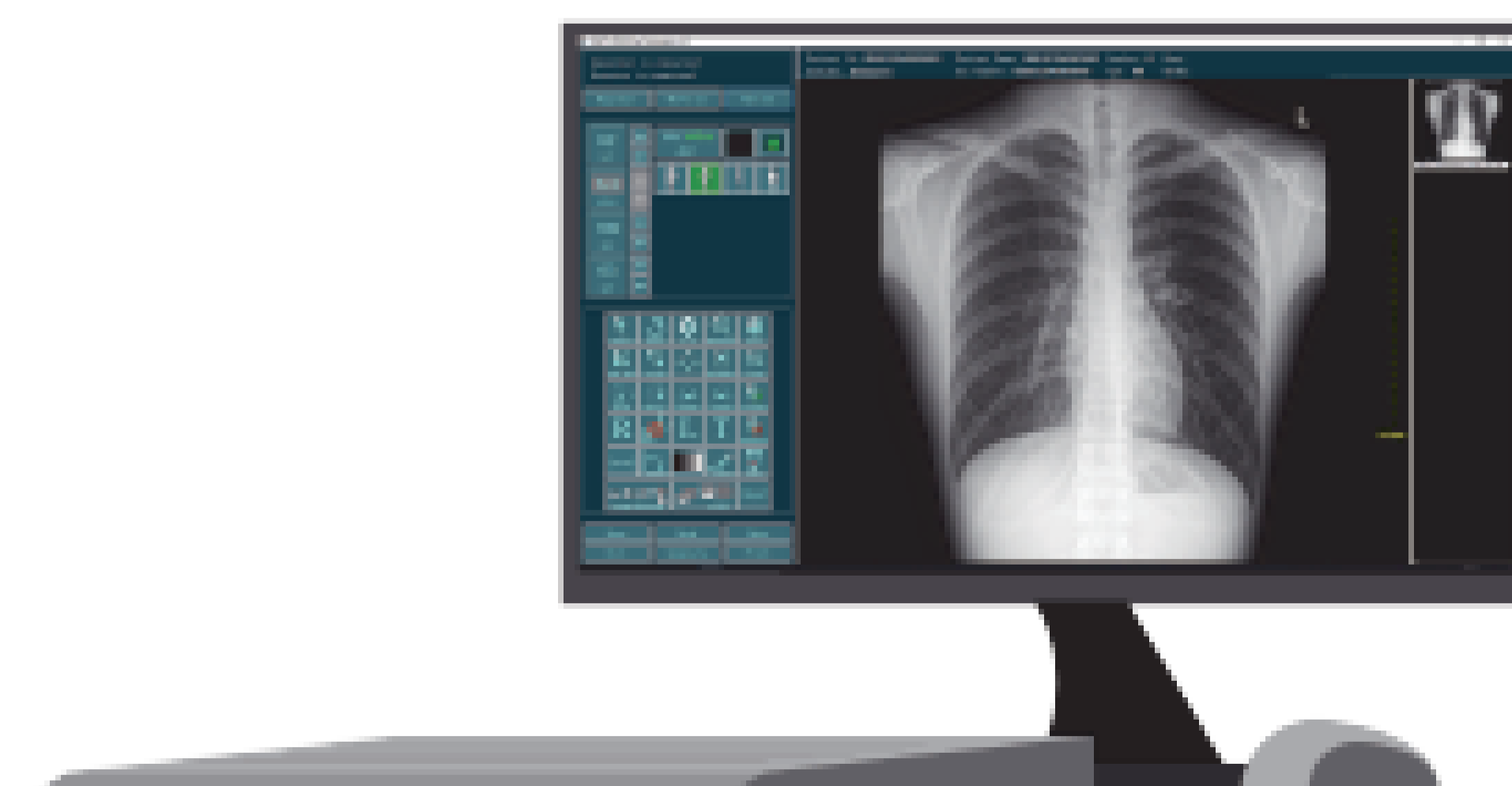
ELK50-4336S



ELEKTRO Power Solution



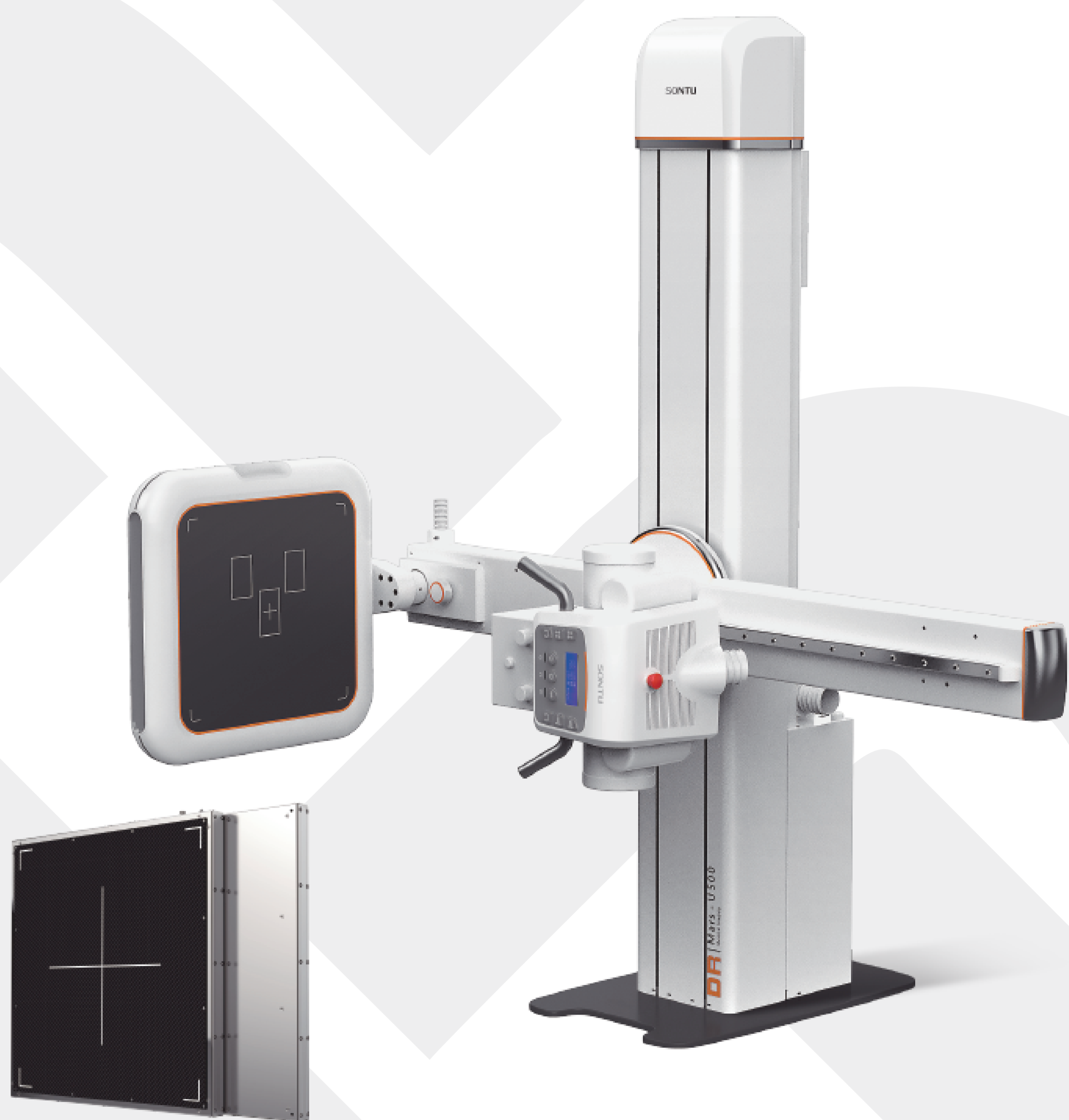
ELK50-HFG E



ELK Smart-DR FP

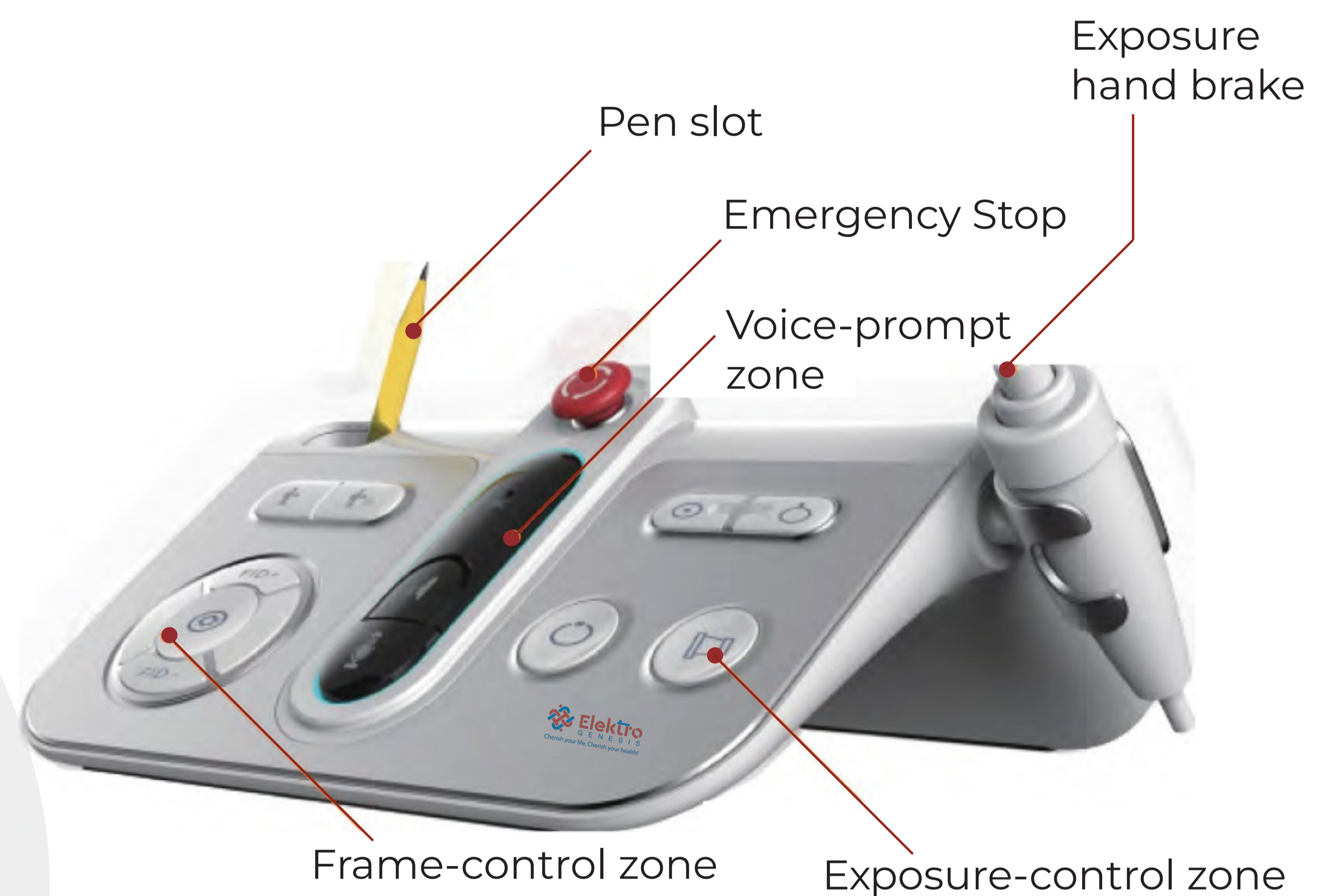
ELK100-P50E

Integrated design, 17"*17" inch flat panel detector



Integrated console

ELKTRO exclusive integrated console realized the rack-control, high-voltage exposure, and voice-prompt in one console.



Rotatable detector, easier operation

ELK100-P50 E DR makes the high-level clinical flexibility affordable.

Parameters

ELK100-P50E

Product Features

- Elegant appearance brings esthetic value to the end-user.
- Integrated console and intelligent height recognition.
- Stable performance, easy maintenance and great affordability.
- Green low dose, low noise.
- Advanced large-size 17"*17" inch A-SI / GOS complete flat panel detector.
- Advanced image processing software.

Item	Parameters
Output power	50KW
Inverter Frequency	50KHz
Active Area	430(H)*430(V)mm, 17"*17" inch
Digital Detector	Csi / Gos (Optional)
Tube voltage	40-150kVp (Toshiba E7876X)
Anode Heat Capacity	230KHU (111KJ)
Tube current	10-630mA
Workstation	Software (DICOM 3.0)

ELK3210-RAD E

New appearance, the latest technique.



ELEKTRO Power Solution

EKETRO's one-stop power solution helps stabilize the voltage and perfectly meeting various voltage needs (220V, 120V, 110V, etc.) for the hospital radiography department.



X Ray Tube

Toshiba E7876X, Stable performance.

Focal spot	0.6mm / 1.2mm
Rotation speed	2700rpm@50Hz, 3200rpm@60Hz
Max voltage	150KV
Heat capacity	230KHU (111KJ)
Maximum rate (kw)	20/46kW@ 50Hz

Product Features

- Digital Radiography made affordable.
- Floor-mounted for easy installation and usage.
- Supports additional software function.
- Compact structure and design.
- ELEKTRO Smart-DR™ FP image processing software enhances DR image quality.

Parameters

ELK3210-RAD E

Item	Parameters
Output power	50KW
Generator	Three-Phase AC 380V
Inverter Frequency	50KHz
Active Area	360(H)*430(V)mm, 14"*17"
Digital Detector	Csi / Gos (Optional)
Tube voltage	40-150kVp (Toshiba E7876X)
Anode Heat Capacity	230KHU (111KJ)
Tube current	10-630mA
Workstation	Software (DICOM 3.0)

ELK300-M

Intelligent Experience

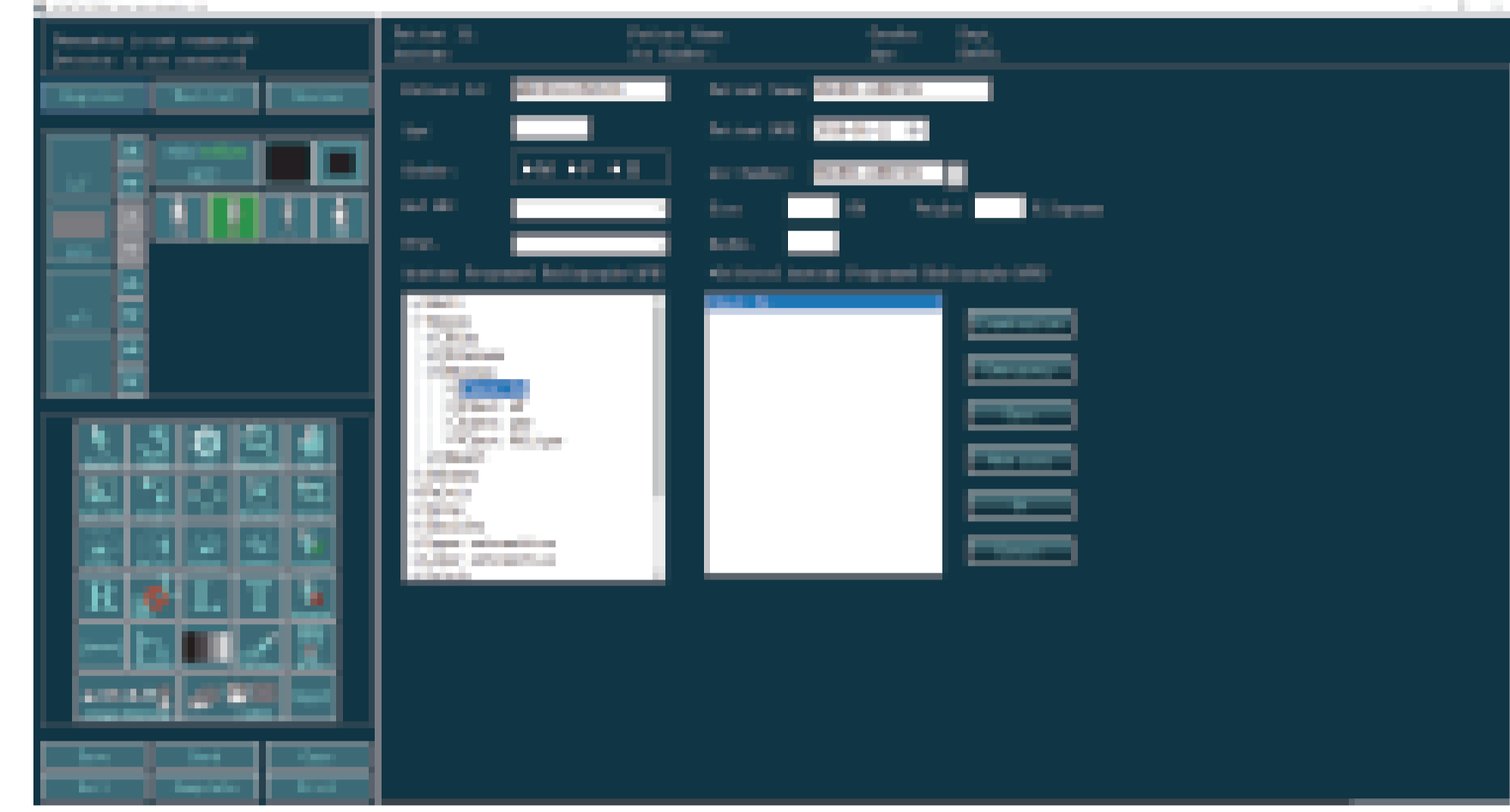


Product Features

- New appearance, 10" inch touchscreen for convenient operation and intelligent application experience.
- All-electric movement. automatic bulb tube tracking and positioning.
- Complete mechanical construction. Dual-operation handle, user-friendly design.
- Optimized imaging system provides high-definition images and Improves the imaging quality in lowest radiation dose.

ELEKTRO Smart-DR™ FP

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



Registration

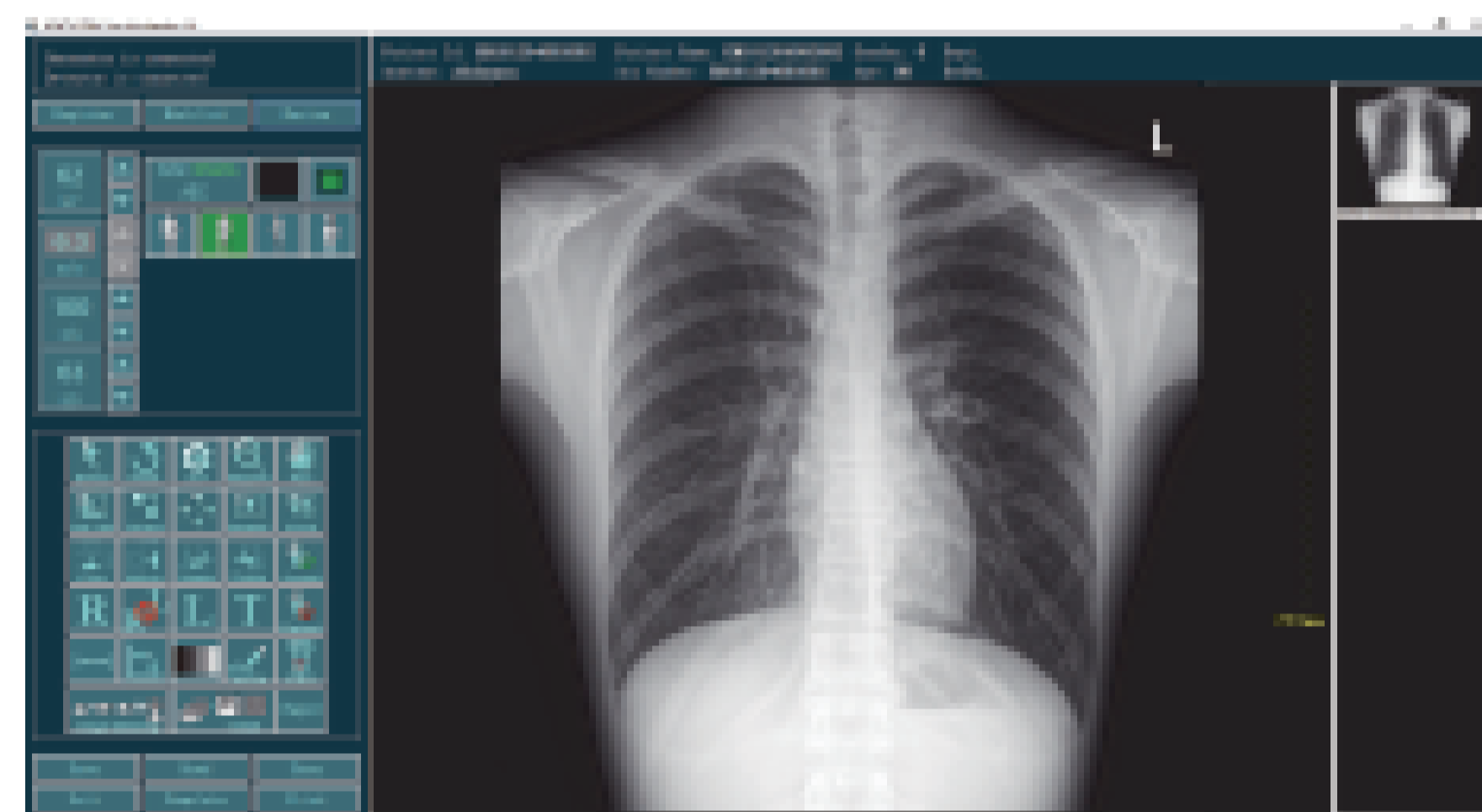


Image Processing

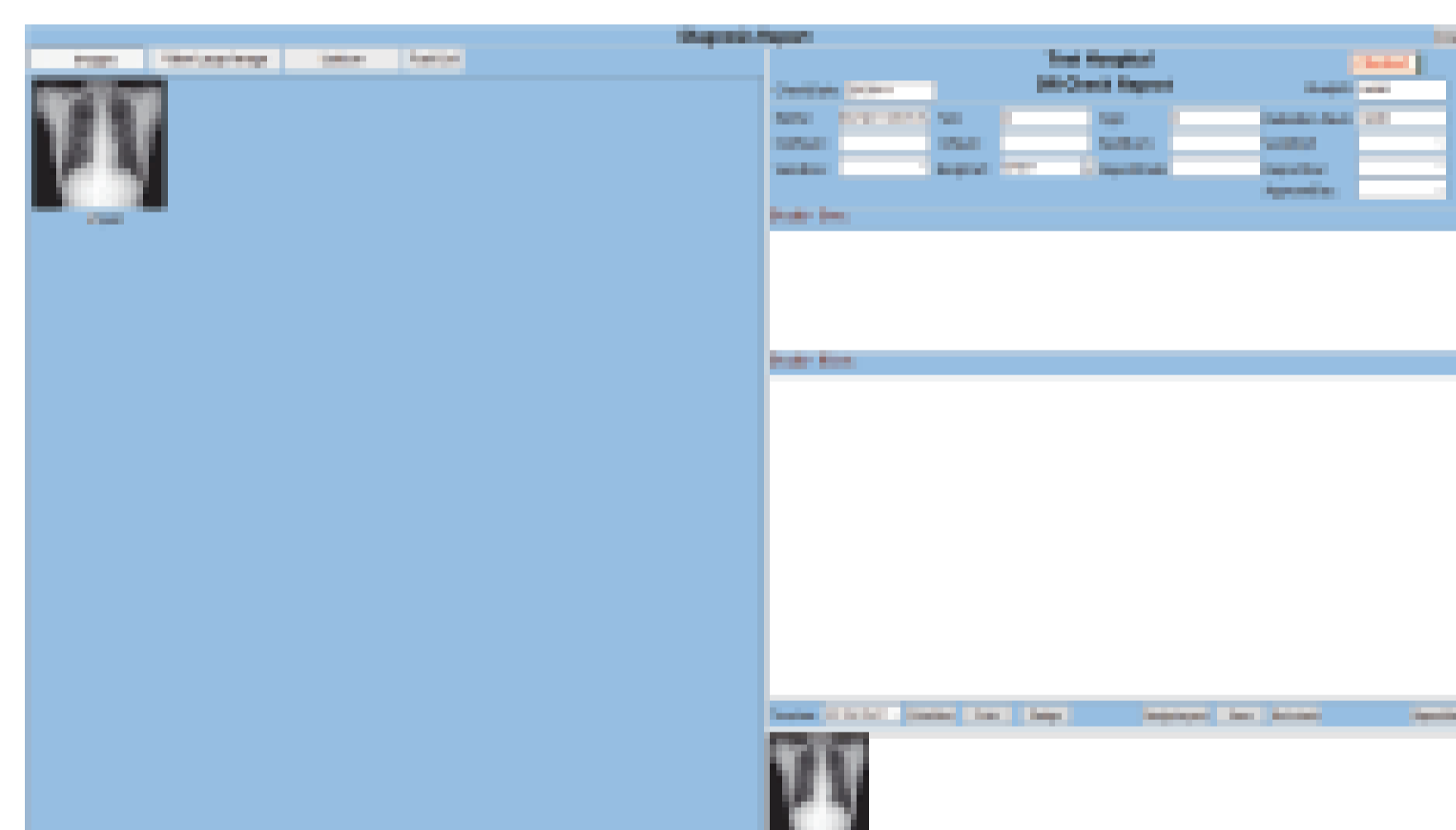


Image Printing

Parameters

ELK300-M

Item	Parameters
Output power	50KW
Generator	Three-Phase AC 380V
Inverter Frequency	50KHz
Active Area	430(H)*430(V)mm, 17"*17"
Digital Detector	Csi
Tube voltage	40-150kVp (Toshiba E7252X)
Anode Heat Capacity	230KHU (111KJ)
Tube current	10-630mA
Workstation	Software (DICOM 3.0)

ELK60-U

Intelligent Experience



Product Features

- 5.6KW / 8.0KW extra power design, to meet a variety of applications.
- Support battery powered and 220VAC, optional power supply.
- Touch screen APR design, convenient for operation.
- Travel box-type integrated packaging for convenient transportation and carrying.

Highlight

Multipurpose, lightweight, battery-powered portable unit. Ideal for home medical care or emergencies.

Portable Battery (Optional)

ELEKTRO-Bat20 (20AH)



Integrated design, small dimension, light weight and large capacity.

The fully charged battery can take 200 images.

Support 110V, 220V charging, convenient and fast charging.

Dimension: 111mm*188mm*486mm.

Parameters

ELK300-M

Item	Parameters
kVp Voltage	40-125kV (Increasing rate 1kV)
mAp Current Gears	5.0/6.3/8/10/12.5/16/20/25/32/40/50/63/80/100/125/160
Exposure Time	3.2ms-10s
mAs	0.1-250mAs
Working Frequency	100kHz
X Ray Tube	0.6mm-1.5mm(40HU 4.0kW) 0.6mm-2.8mm(76HU 8.0kW)
APR	20 programs
Power source	220VAC-240VAC / Battery (Optional)
Weight	18.6Kg
Dimension	230mm ×250mm×220mm
Note	External battery

ELK50-HFG E

32KW/ 50KW optional



Parameters

ELK50-HFG E

Item	Parameters
Output power	32KW/50kw
Input Power	50kVA
Power source condition	Single phase, 220VAC , 50Hz
Tube voltage	40-125kV
Tube current	0.5-400mA
Nominalpower combo	100kV, 400mA
Appearance dimension	680mm×350mm×600mm
Inverter Frequency	50kHz
Total weight	68Kg

Product Features

- 32KW/ 50KW optional .
- Stable performance and wide application scenarios
- 10 years warranty and technical support.
- Competitive price.
- Automatic Exposure Controls (AEC).

ELEKTRO Power Solution

ANY PROBLEM, ELEKTRO HAS GOT YOU COVERED.

Multipurpose, lightweight, battery-powered portable unit. Ideal for home medical care or emergencies.



Application Scenarios

Vehicle-mounted DR and others medical equipment that need to be operated anytime and anywhere.

Hospitals that cannot access three-phase electricity (public/private).

Hospitals with three-phase electricity but unstable power supply (public/private).

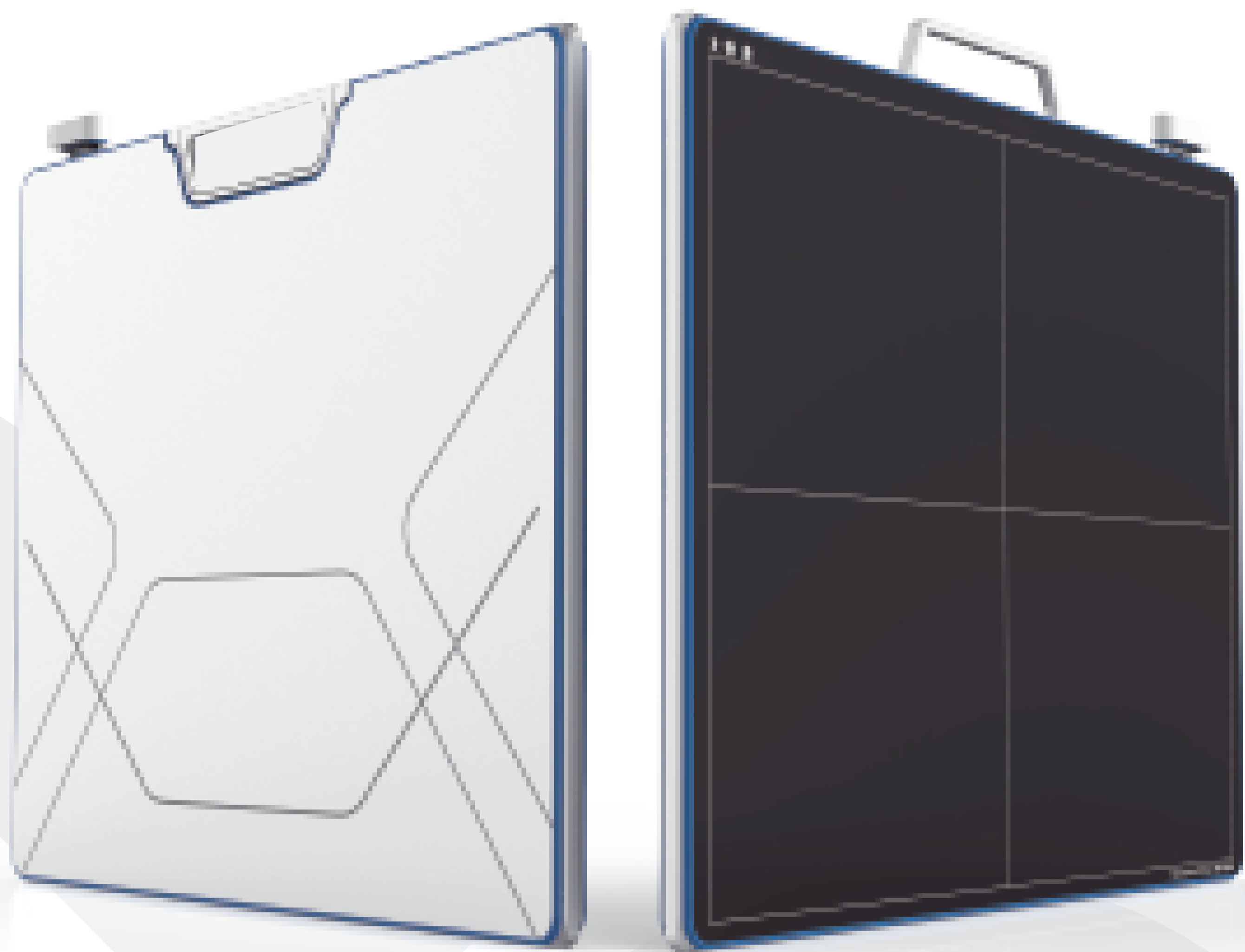
ELEKTRO Power Solution

- Three-phase electricity not required;
- Substation and transformer not required;
- Electric cables not required;
- Environmental-friendly, affordable;
- Time-saving and carefree.

Product Features

- Low requirements: Perfectly match ELK50-HFG E.
- 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.

ELK50-4336S



Parameters

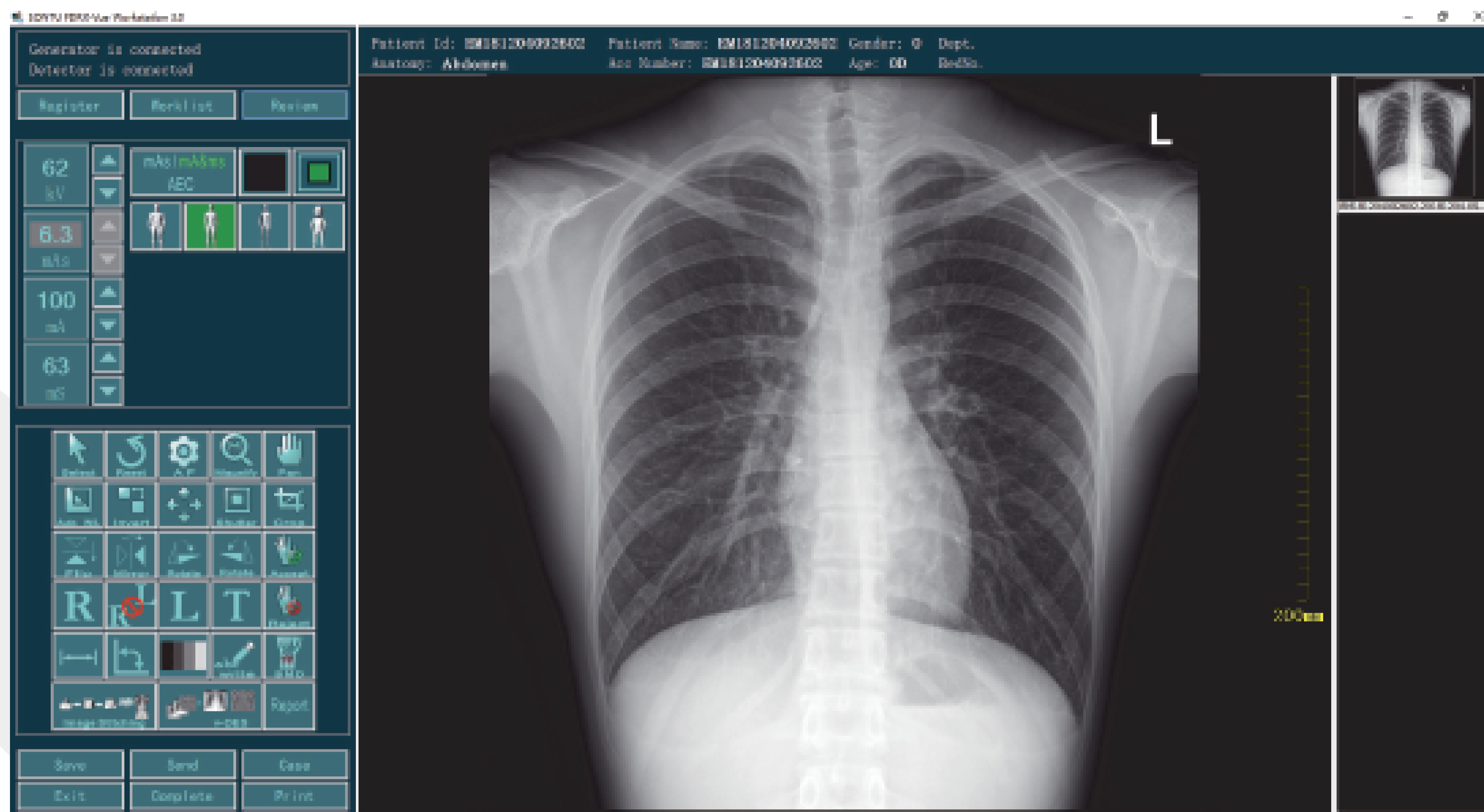
ELK50-4336S

Item	ELK50-4336S-G	ELK50-4336S-C
Texture	TFT (Gos) Photodiode	TFT (a-Si) Photodiode
Dimension	430*360mm / 14"*17" inch	430*360mm / 14"*17" inch
Pixel Matrix	2500*3052 (750 Myriabit)	2500*3052 (750 Myriabit)
Limiting Resolution	3.4Lp/mm	3.4Lp/mm
Image Capture Time	Less than 2 sec	Less than 2 sec
Pixel Pitch	≤140um	≤140um
A/D Conversion	16bits	16bits
Sync	Wired	Wired
Total Weight	3.5KG	3.5KG

Product Features

- Amorphous silicon without splicing
- 14"*17" inch Gos/ Csl as your acquisition
- High sensitivity
- Excellent spatial resolution
- Green low dose exposure
- Low radiation leakage dose. (<0.5mGy/h)
- Ultralow R noise
- Stable performance and high environmental adaptability

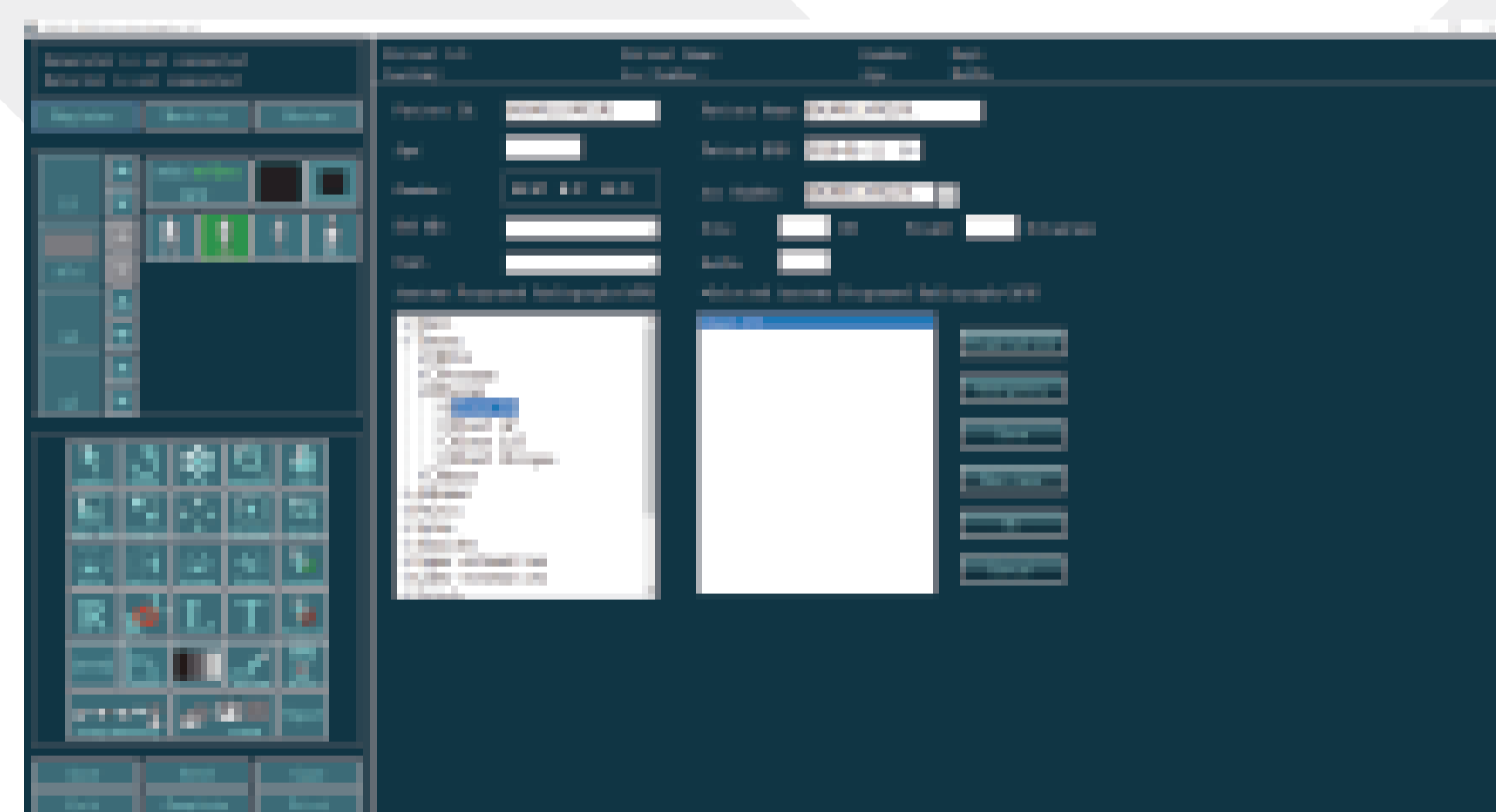
ELK Smart-DR™ FP



Application Scenarios

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 the computer software copyright issued by the State Copyright Administration. The imaging system is tailored for ELEKTRO's flat-panel detector and has a highly integrated central control system. The simple and smooth operation, precision control of the acquisition time and photography dose, and powerful image processing capabilities all make the ultra-low 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.



Registration

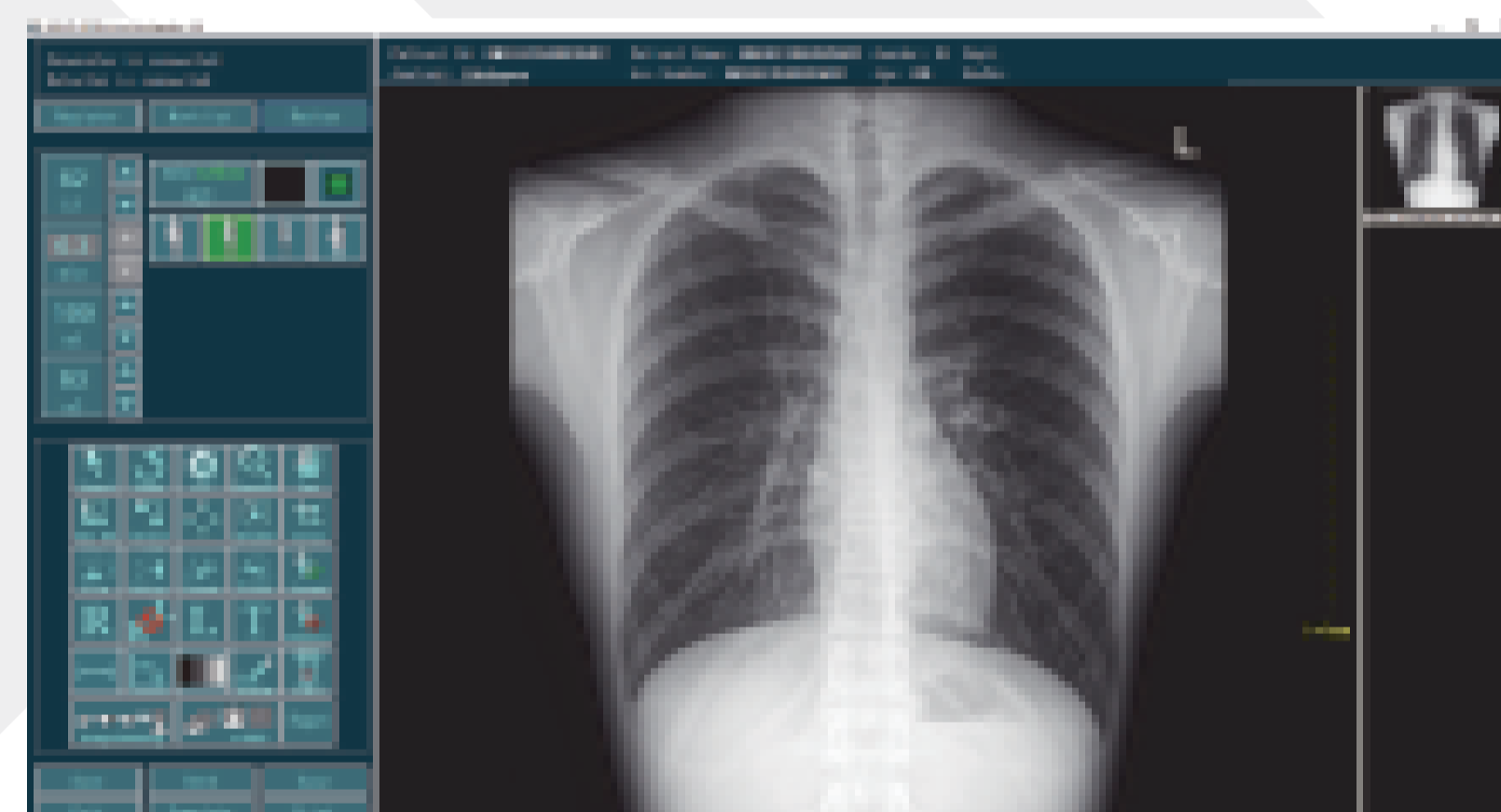


Image Processing

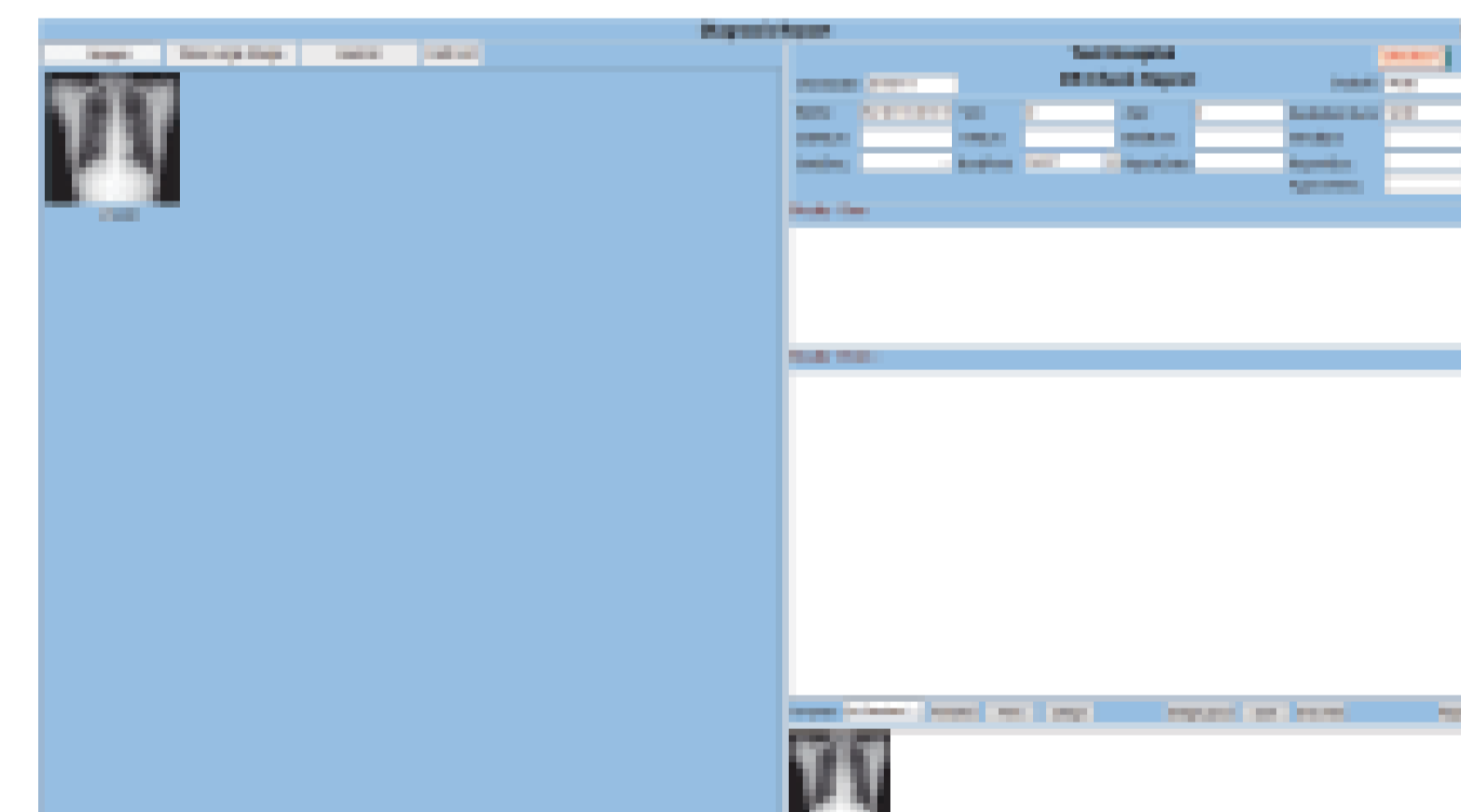


Image Printing