Elektro
GENESIS
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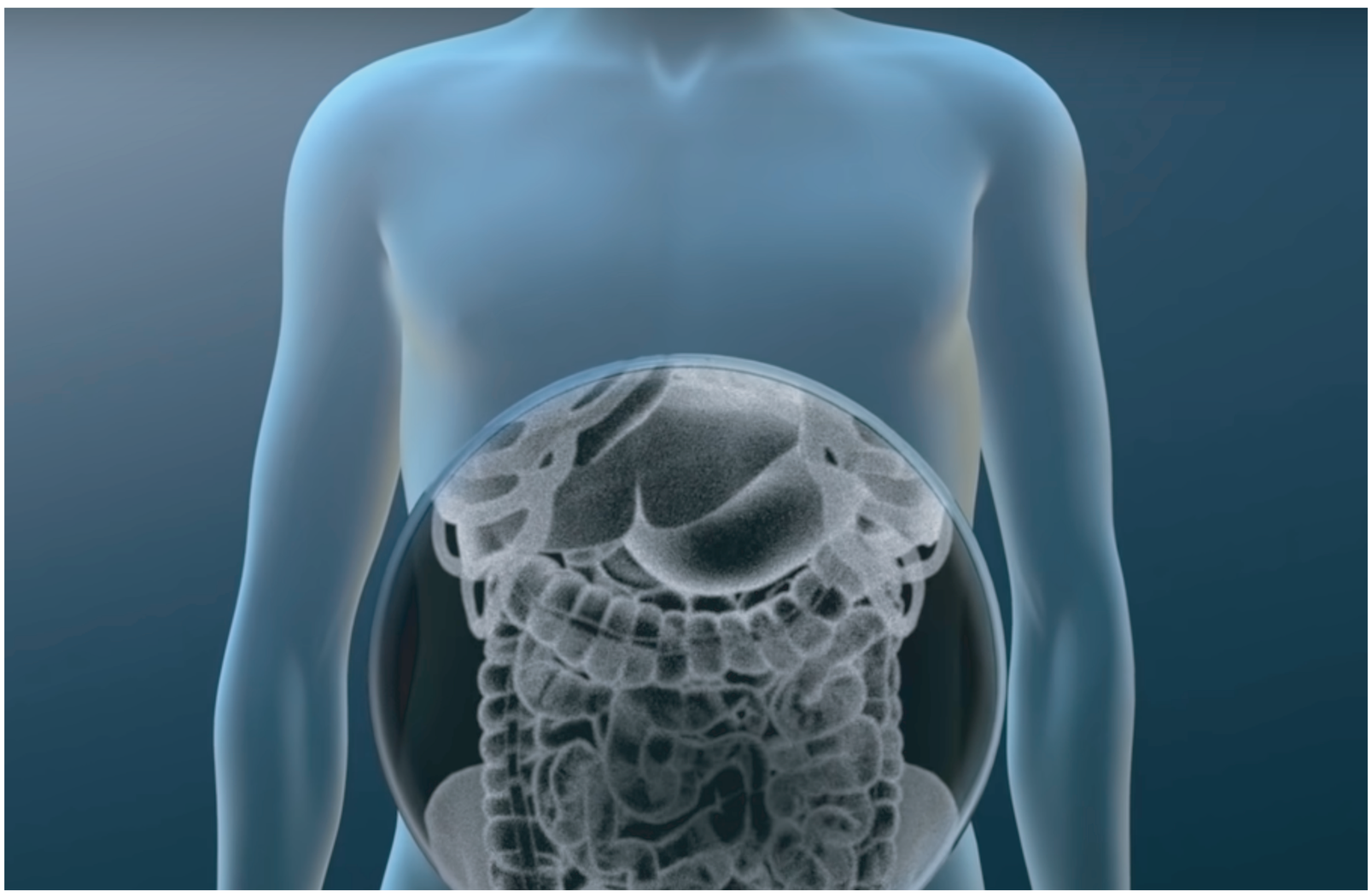
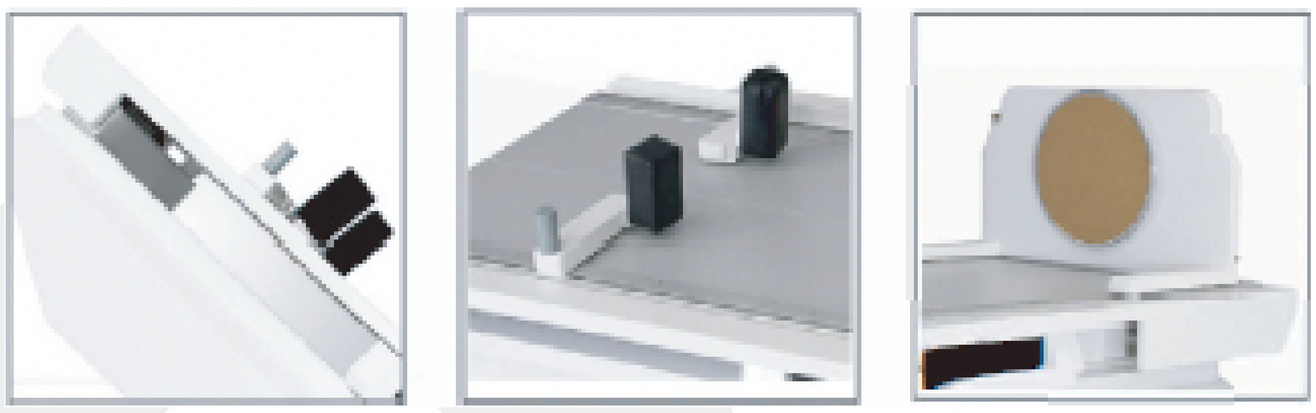
FLOURORAD 600X
X-RAY FLUOROSCOPY



Flourorad 600x X-ray Fluoroscopy

Feature

- ACM-323H, Multi-Application, Radiography and Fluoroscopy function in one machine, 2-in-1 efficiency system!
- Whether for its handling convenience, outstanding image quality, versatility or reliability, ACM-323H, the remote-controlled fluoroscopy system from Orich, is a solid investment.
- ACM-323H combines quality components and proven technology to offer you excellent performance for the complete range of fluoroscopy applications. A system providing high usability to improve your workflow, diagnostic capabilities and budget planning for years to come - that's ACM-323H, an all-round great value.

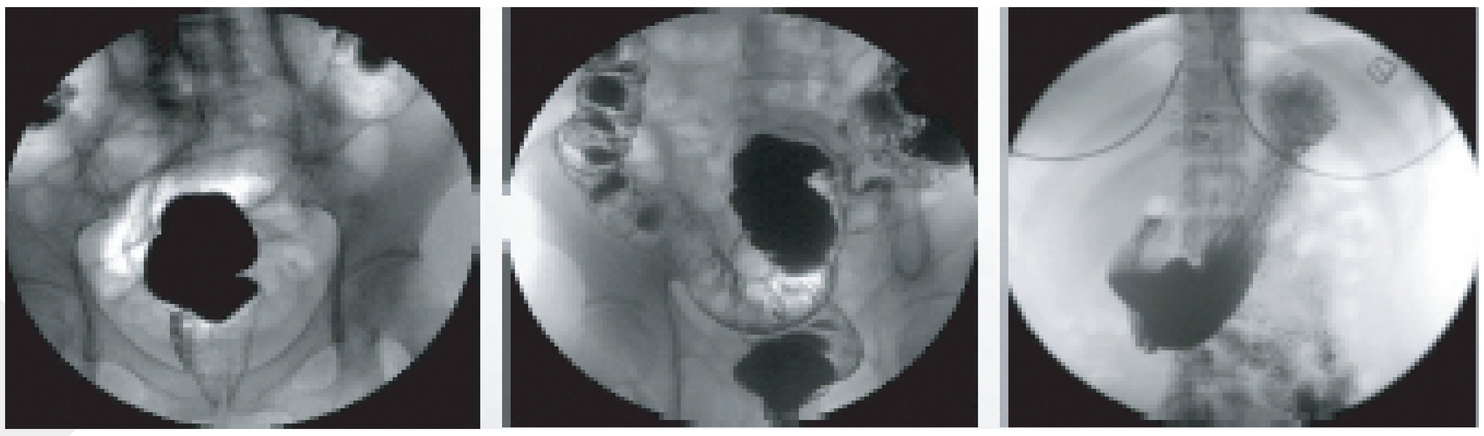


State-of-the-art design fully improves the safety and comfort

R/F table

- Compact island design of the diagnostic table perfectly realized diversified diagnoses, and can satisfy the special requirements of the interventional therapy
- 740mm moving distance of the X-ray Tube, adequately satisfies different diagnostic requirements
- -25° tilting function is convenient to control contrast
- State-of-the-art design fully improves the safety and comfort

Excellent Configuration and best image provide



High Frequency Generator

- System invariable DC output fits for large power, high kV radiograph and short time instant radiography, optimizing images
- Automatic Program Radiography (APR), 768 kinds of radiographi conditions, can set and save radiographic conditions for the especia requirements
- Using the global best frequency conversion technology, the high frequency 25kHz insures the output waves of high voltage smooth

Tube

- Excellent X-ray tube has high kV, small focus, high quality image can be provided
- At 300 KHU, the high anode heat storage capacity and low-noise air cooling of the X-ray tube prevents overheating and interruptions even when you require longer screening times or examine larger patients

Image for Radiagraphy

Digital Workflow

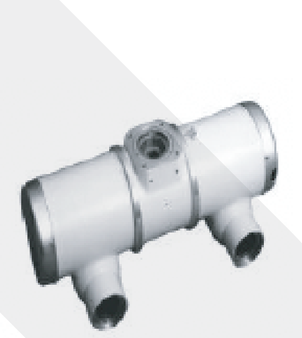
- **Record Management:** Easy to establish, save, index, amend and delete records
- **Image Acquirement:** Real-time fluoroscopiec radiographic image acquisition and image playback
- **Image Handling:** Achieve the multitudinous functions, such as real-time Digital Subtraction Angiography (DSA), Last Image Hold(LIH), multi-image display, image rotation, image edge-intensification and so on
- **Image Output:** Dual video output, reports can be established, printed and rewritten. Support the DICOM 3.0 output
- **Remark:** The optional laser printer realizes the film-print

Imaging System

Dynamic digital flat panel detector: high performance detector with excellent image quality, high dynamic r- ange and high frame rate. The FPD is designed to meet the needs of kinds of applications, including CBCT and gastrointestinal imaging.

Specification of RF X-ray machine with Dynamic detector

Item No: ELK-323H

Standard Configuration			
S. No.	**Photo**	**Item**	**Technology Parameter**
1		Generator	Output power: 50kW
			High Frequency Output: 25kHz
			Radiography kVp, Range/Steps: 40-150kV in 1 kv increments
			Radiography mA Range: 10-630mA
			Radiography Exposure timer Range: 0.001-6.3s in 1ms increments
			Radiography mAs Range (non-AEC) : 0.1-1000mAs
			Continuous Fluoroscopy kVp, Range/Steps: 40-125kV
			Continuous Fluoroscopy mA Range/Steps: 0.5-10mA in 0.1mA steps
			Pulse Fluoroscopy mA Range/Steps: 15-20mA(option)
			APR: 768
			Optional functions: AEC, DAP, ABC, HLF, PHLF, high speed starter
			Input Phase/Voltage: 3Phase, AC380V±10%, 50/60Hz+1Hz
2		canon/ equivalent X-ray tube	Nominal focal spot value: 0.6mm (small focus)/ 1.2mm (large focus)
			Max rating (0.1s) (kw): 27kW/75kW@180Hz
			Anode angle: 12 degrees
			Maximum tube Voltage: 150kV
			Rotation speed (min^{-1}): 2700rpm@50Hz, 3200rpm@60Hz, 9700rpm@50Hz
			Anode heat content: 300kHU (210KJ)
3		Diagnostic table	Table tilting range: -25°-0° - +90°
			Standard table top size: L2100mm x W600mm
			Table height: 880mm
			Tube travel, around longitudinal of table: ≥700mm
			Focal spot to tabletop (SID): 110cm, 150cm
			Table top travel range, transverse: ≥220mm
			Radiographic size: The entire film: 8"x10", 10"x12", 11"x14", 14"×14", 14"×17"
			Radiographic size: Two sub-grid: 8"x10", 10"x12"
			Radiographic size: Three sub-grid:11"x14", 14"x14", 14"x17"
			Radiographic size: Four sub-grid: 10"x12"
			Grid: R=10:1, f=110cm, N=40 line/cm, size=15" * 18"

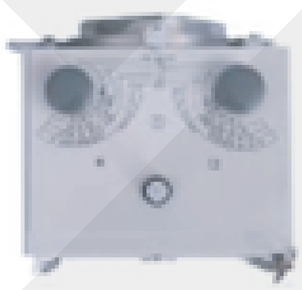
Standard Configuration			
S. No.	**Photo**	**Item**	**Technology Parameter**
1		Dynamic detector	Active Area:43 (mm) * 43 (mm) / (17 * 17 inch)
			Pixel Array: 3072 * 3072
			Pixel Pitch: 140μm
			A/D Conversion: 16 bit
			Limiting Resolution: 3.6 LP/mm typ.
			Data interface: GigE
			Detector material and scintillator: a-Si CsI
2		Collimator	Control method: Manual and electric integrate
			Maximum X-rayfield coverage：43cm * 43cm
			The average brightness of the light field: ＞150lux
			Input power: 24VAC, 10A
3		Workstation and image processing software	Monitor: 24"
			Fluoroscopy collecting speed:4 to 45 frame/s
			Computer: System: Windows 10; CPU: V3671-R13N8S I3- 9100; Hard drive: 1T + 128GB; Internal storage: 4G *! (2400); Dual Gigabit Ethernet; CD-ROM
			Digital image management system
			Support: DICOM3.0
			Real-time DSI image collection

Photo showing

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