



Radiographic-Fluoroscopic X-Ray TV System

LISTEM
Life Science System



Human



Radiography-Fluoroscopic X-Ray TV System



Digi

LISTEM

Be the Top with LISTEM

The Leader of Digital Radiography System

LISTEM's High Technology for Human Healthcare





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Simple design



Healthcare

Listem's general diagnostic X-ray system is the right R/F which let you have an excellent image for every body parts thanks to a high quality imaging chain and innovative design.

This Innovated REX-RF system provides you with smart design and user-friendly SFD which let you concentrate on R/F exam.

Through the elegant design and quality control process, it ensures high efficiency and stable quality.

Thanks to mass production system, it provides you with very reasonable economical efficiency and stability.

As a multi-functional and economical system, it gives you various choices : 4way and 6way moving table, Floor to Ceiling, Ceiling Suspended Tube Stand, etc With new SFD, you will find new ways to make your workflow easy and convenient.

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REX-RF SYSTEM

Great convenience by using newly designed REX-RF Spot Film Device

- ◆ Easy to control KV & mA value in SFD (Spot Film Device) without other help
- ◆ AEC (Automatic Exposure Control) using Memory-Shot
- ◆ Upgraded SFD display function
- ◆ AEC function using ion chamber (Optional Item)
- ◆ ABS (Automatic Brightness System) (Optional Item)

Superior quality image & operational stability using high frequency inverter generator

- ◆ Less exposure condition due to increased X-ray output
- ◆ Shorter exposure time guarantees less radiation dose to patient and operator
- ◆ Clear & sharp image of organs due to short time pulse
- ◆ Long term stability of X-ray tube unit

APR (Anatomical Programming Radiography) for best exposure factors

- ◆ Plentiful diagnosis information for each body part with various exposure factor
- ◆ Possible to add up and revise exposure factor
- ◆ Easy to operate with 3-steps (Select body, part and make X-ray exposure)

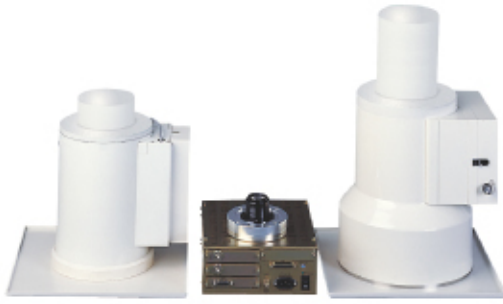
Equipped with Self-Diagnosis Program

- ◆ Enforce product protective function with self-diagnosis program
- ◆ Easy to check up with error code



EX-RF FULL SYSTEM





Spot film device

- ◆ High resolution with image intensifier and ccd camera system
- ◆ Unnecessary to arrange ccd camera
- ◆ High image quality with the controlling circuits of ccd camera
- ◆ Inverter type high frequency generator.

Directly Operate Radiography on SFD

Easy to control Radiography alone, using 485 communication function between SFD and Generator.

AEC(Auto Exposure Control) using Memory-Shot

Automatically calculate adequate kV and mA for Radiography Spot-Shot during Fluoroscopy.

Intensify SFD display Function

- ◆ Using Micro Process to show up the examination steps on SFD
- ◆ Diminishing the mistake of examination
- ◆ Easy to concentrate on patient's condition



Radiographic-Fluoroscopic X-Ray TV System



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|--|--|
| <ul style="list-style-type: none"> f Film Division selection(1 Part) f Film Division selection (4 Part) f Traverse lock f Reserved button f Division total display f Fluoro display f Table sliding switch f ABS selection f Fluoro Time Reset Switch f Fluoro ma selection Knob f Fluoro kv selection Knob f AEC selection f MAG1 selection ☒RESET button | <ul style="list-style-type: none"> f Film Division selection (2 Part) f Longitudinal and Traverse lock f Vertical lock f Division count display f Cassette exposed part display f Table tilting switch (-15°~90°) f Collimator adjustment f Fluoro Time Display f Memory-Shot selection f Fluoro ma display f Fluoro kv display f Normal image size selection ☒MAG2 selection |
|--|--|
- ① In case of ERROR, press this button to reset the condition.
 ② After selecting film division, if user releases the cassette before completing spot film exposure, user should press this button to return initial condition for spot exposure.
- ☒Spot selection display ☒ Fluoro selection switch
 ● Spot selection switch

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SPOT FLIM DEVICE



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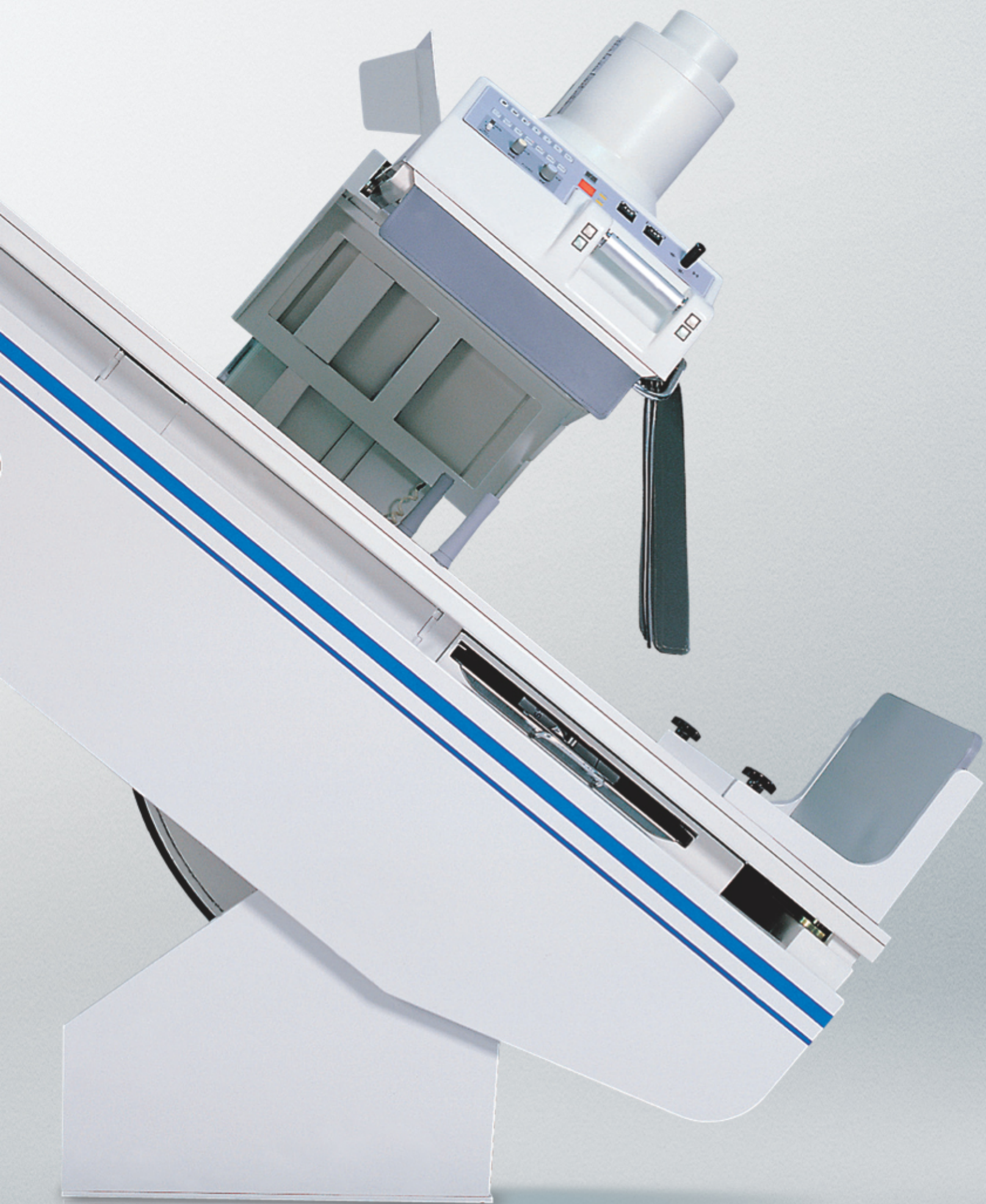


- ◆ Table tilting angle : -15° ~ 90°
- ◆ Guarantee of patient' s safty with stable table top.



- ◆ Large radius of X-ray, easy operation, stable table
- ◆ Table top sliding : 50cm toward head end, 50cm toward foot end







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Radiographic-Fluoroscopic X-Ray TV System

High efficiency generator

- ◆ Shorter exposure time improves image quality
- ◆ Less patient dose
- ◆ Exposure Time Range : 0.001sec ~ 10 sec
- ◆ Self-diagnostic function
- ◆ Anatomical Programing Radiography



