

# FLUOROSPEED

X1 edition  
 Patient-side R/F system

Founded in 1875, Shimadzu Corporation, a leader in the development of advanced technologies, has a distinguished history of innovation built on the foundation of contributing to society through science and technology. We maintain a global network of sales, service, technical support and applications centers on six continents, and have established long-term relationships with a host of highly trained distributors located in over 100 countries. For information about Shimadzu, and to contact your local office, please visit our website at [www.shimadzu.com](http://www.shimadzu.com)



## Shimadzu Corporation

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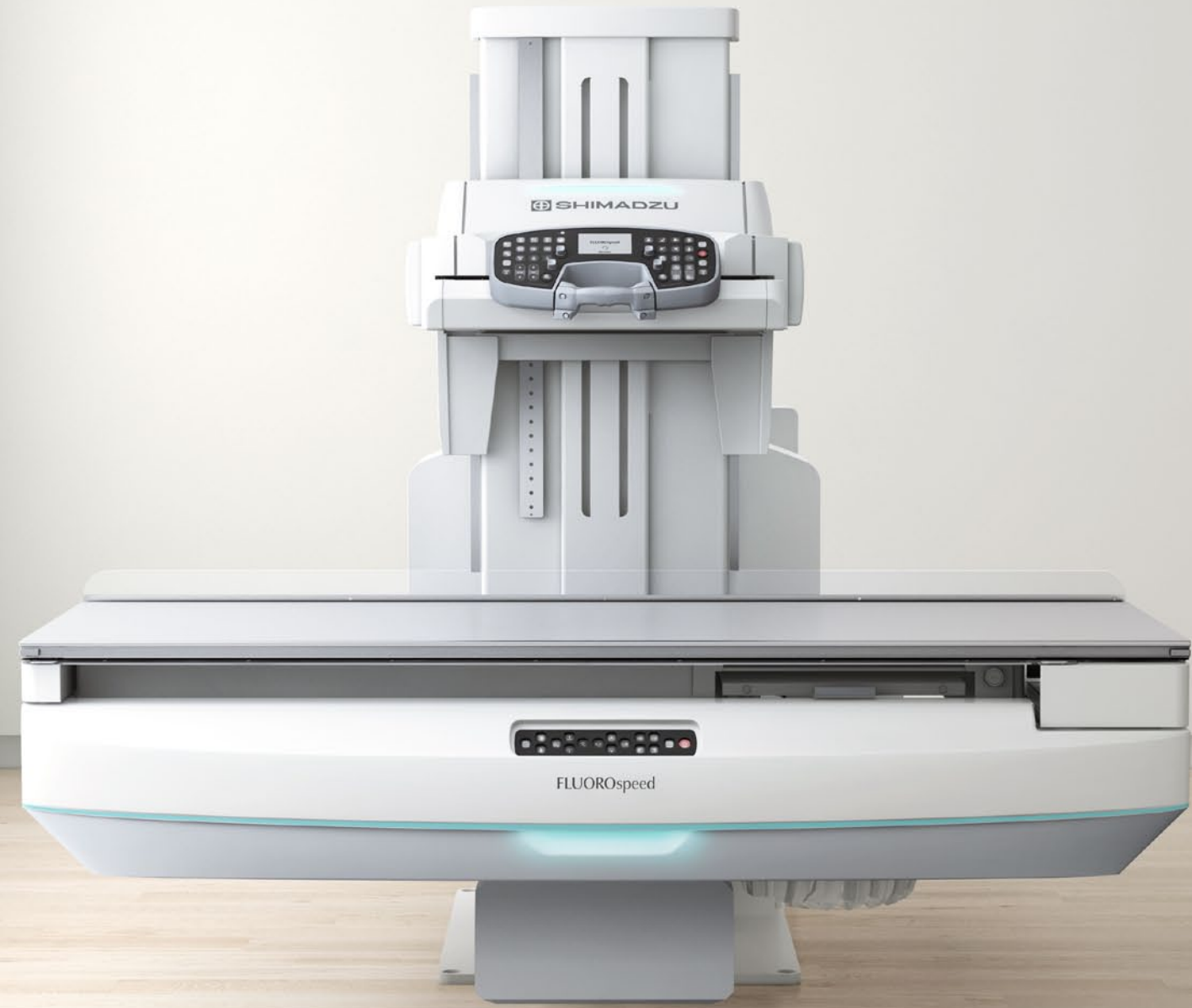


Management System  
 ISO 9001:2015  
 ISO 13485:2016  
 www.tuv.com  
 ID: 0091004755

Shimadzu Corporation Medical Systems Division has been certified by TÜV Rheinland as a manufacturer of medical systems in compliance with ISO9001:2015 Quality Management Systems and ISO13485:2016 Medical Devices Quality Management Systems.

### Remarks:

- Every value in this catalogue is a standard value, and it may vary a little from the actual at each site.
- The appearances and specifications are subject to change for reasons of improvement without notice.
- Items and components in the photos may include optional items. Please confirm with your sales representative for details.
- Certain configurations may not be available pending regulatory clearance. Contact your Shimadzu representative for information on specific configurations.
- Before operating this system, you should first thoroughly review the Instruction Manual.



# The dawn of connecting innovation with patient care

## Patient-side R/F system : Your primary workhorse

To increase your room effectiveness and save on costs, FLUOROspeed is designed to consider all users in a diversity of situations, making it ideal for a wide variety of examinations.

### For all Stakeholders

C-levels

Radiologists

Radiographic Technologists

Patients

### Responding to a Wide Range of Clinical Needs

Bariatric

Barium Study

Orthopedics  
General Radiography

Pediatrics

Urology

Endoscopy

## C-levels

Justifying your decision with clinical productivity



FLUOROspeed table is designed for maximizing the room productivity with flexible room customizability.

Shimadzu's original Digital platform has anti-virus software feature as standard thereby reducing your risk from cyberattack.

## Radiologists

Being your workhorse for daily examinations



"GLIDE ASSIST" technology – Stress-free system maneuverability for concentrating on patient care during exams.

## Radiographic Technologists

Focusing on patient care with an intuitive system



Elevation table with automatic kneeling function of X-ray tube for further comfortability for both patients and caregivers.

## Patients

Designed for patient satisfaction



FLUOROspeed table is designed with a Side Touch Sensor for patient safety.

It's wide SID space for patient comfortability.

## Shimadzu passion – Our priority is YOU. The “Universal” concept for all the stakeholders.

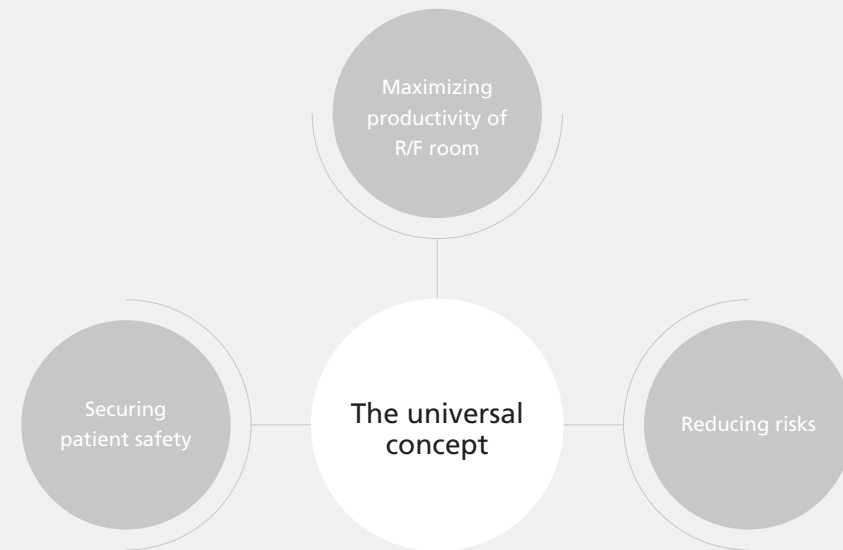
The universal concept is the foundation of Shimadzu's comprehensive R/F portfolio.

Securing patient safety - Unlike other R/F systems, the imaging unit covers wide-coverage with minimal or no table-top movement. Shimadzu's philosophy is to minimize patient motion ensuring as much safety as possible.

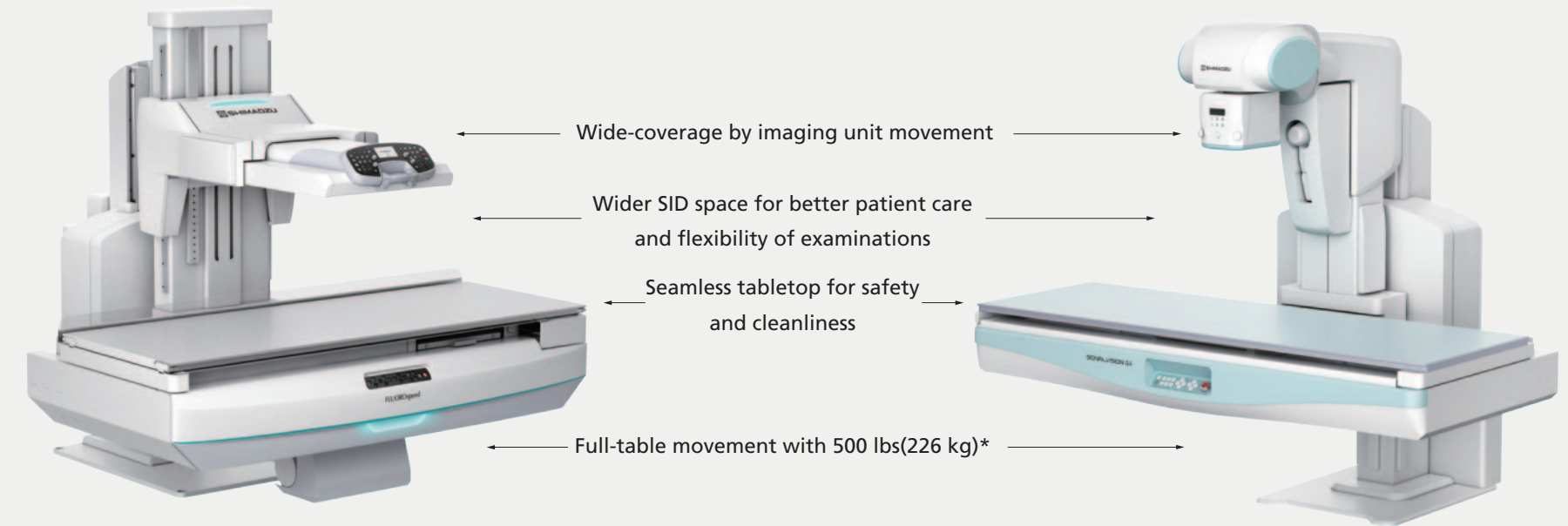
Maximizing productivity – “Universal R/F” system can perform multiple examinations! This concept also gives you opportunities for utilizing the R/F systems not just general R/F study, but also other uses. The Shimadzu R/F system is your workhorse for covering all your daily examinations.

Reducing risks – Our “Universal” tables are ready for 500 lbs (226 kg) patient load.

The passion is embodied from the SONIALVISION G4 to the FLUOROspeed.



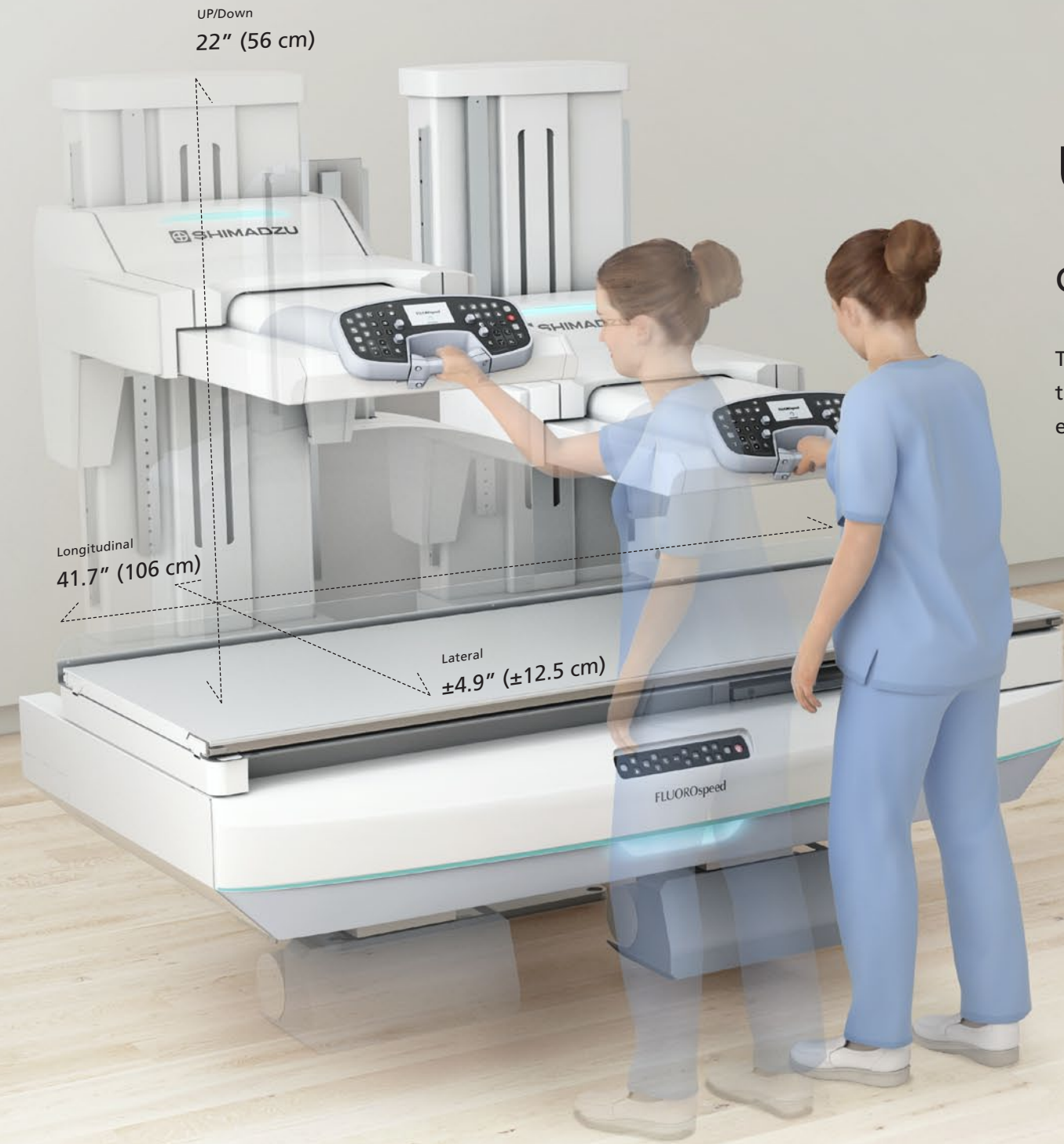
## Shimadzu “Universal R/F” Family - The best choices for YOU.



**FLUOROspeed** X1 edition  
Patient-side R/F system

**SONIALVISION G4** LX edition  
Universal remote R/F system

\*optional for SONIALVISION G4



# User Friendly

## GLIDE ASSIST Technology

The GLIDE ASSIST technology allows the operator to move the imaging deck easily in all directions.

### Stress-free system maneuverability

Newly designed "GLIDE ASSIST" handle is based on Shimadzu's motor-driven power assist technology, which is easy to change the imaging deck position regardless of standing or horizontal table positions. The handle recognizes the user's grip movement for guiding imaging deck movement smoothly. Exposure buttons, fluoroscopy buttons and record fluoro buttons are deployed on both ends for left-handed and right-handed clinicians.



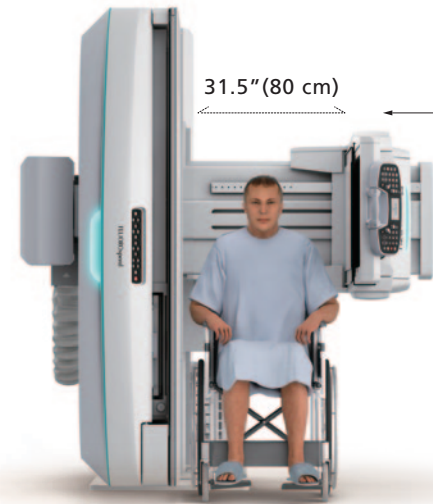
### FPD deck parking at any position

Unlike other conventional R/F systems, the deck can be parked in any position, a feature that provides stress-free examination workflow.



# Responding to a wide range of Clinical Needs

## Barium Study

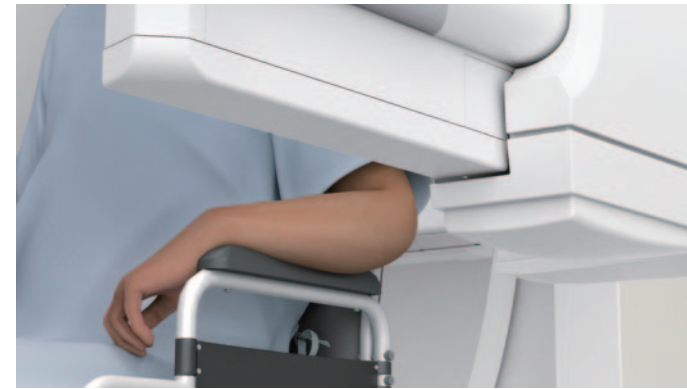


### Wide space

Max 31.5" (80 cm) wide space between tabletop and FPD provides better comfort to your patients in a swallow study such as speech pathology.

## Safe Examination Environment

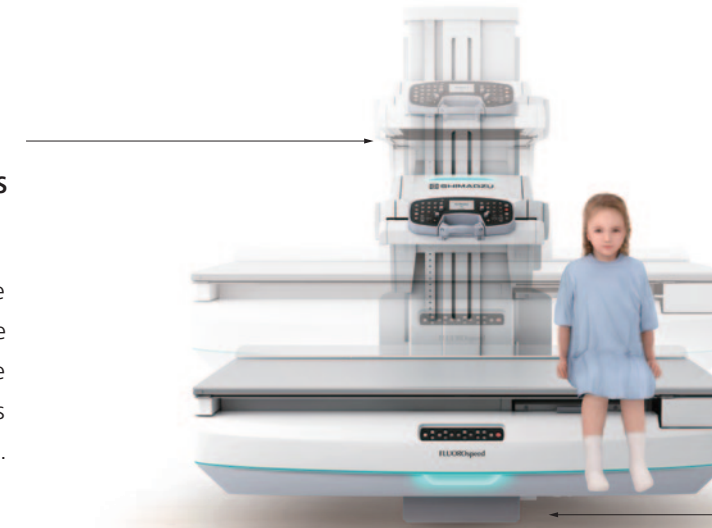
For patient safety, a touch sensor is mounted on the side of imaging tower.



## Pediatrics

### Removable Grid for pediatric patients ( standard )

It is a further advantage in dose reduction, and it is important especially when the radiation exposure is a particular concern, such as pediatrics, urology and gynecology.



### Elevating

With the lowest minimum table height setting available in its class, even elderly, pediatric and bariatric patient can get on and off the table easily.

### Automatic kneeling function of X-ray tube for easy accessibility

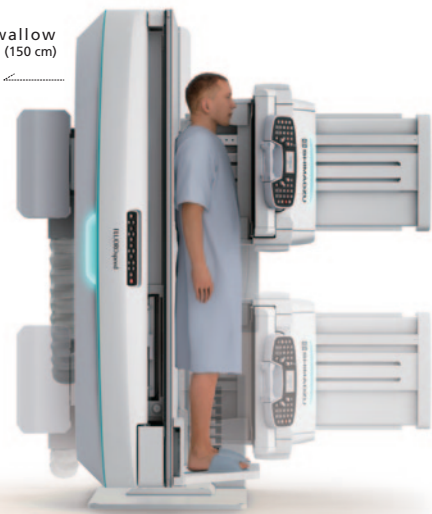
As the FLUOROspeed table lowers, the X-ray tube retracts into the table to allow for the lowest possible table height, allowing the imaging deck to be freely positioned without the x-ray tube hitting the floor. This aids in easy accessibility.

## Orthopedics, General Radiography

### Intelligent SID

FLUOROspeed has intelligent SID feature that provides SID choices up to SID 59.1" (150 cm). You can perform long SID radiography and/or barium studies with the FLUOROspeed table.

For Barium Swallow SID Max. 59.1" (150 cm)



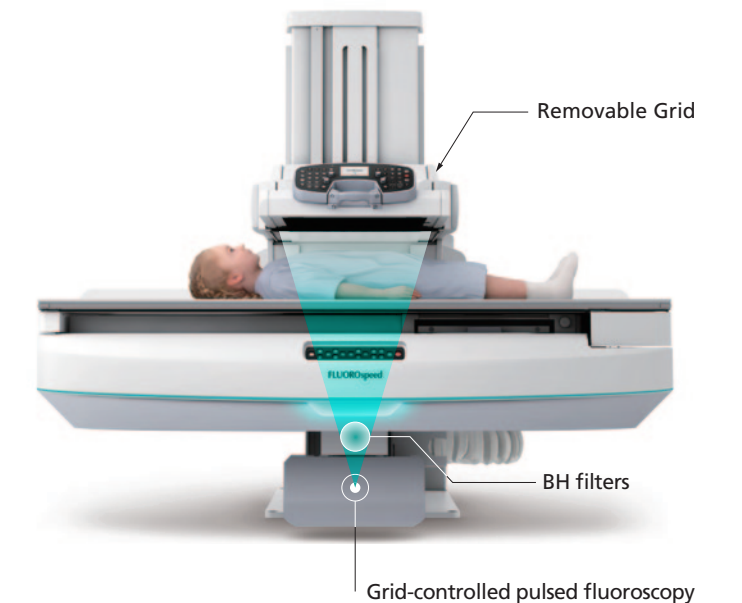
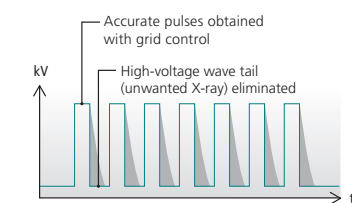
### Wide coverage

FLUOROspeed imaging deck covers full body coverage from the upper G.I. down to the lower extremities with out longitudinal tabletop movement.

## Comprehensive Dose Reduction and Management

Equipped with various functions to effectively reduce radiation exposure levels, the system provides peace of mind for both patients and attending personnel during examinations.

To efficiently minimize exposure levels during examinations, the system features grid controlled pulsed fluoroscopy with wave tail elimination.



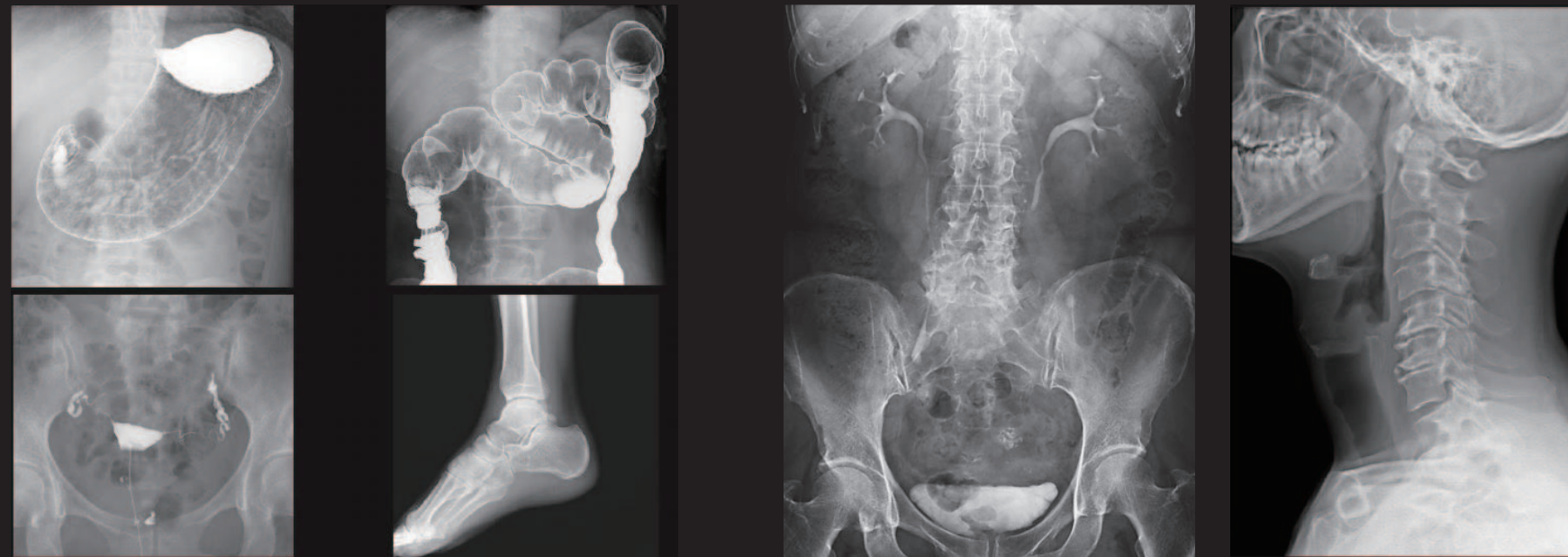
Removable Grid

BH filters

Grid-controlled pulsed fluoroscopy

# Provide confidence in diagnosis, consistently optimal image quality.

Various field-of-view selection up to 17x17 inches support entire clinical cases. Shimadzu's digital image processing, SUREngine-Advance, provides excellent radiography image quality at optimized dose control.

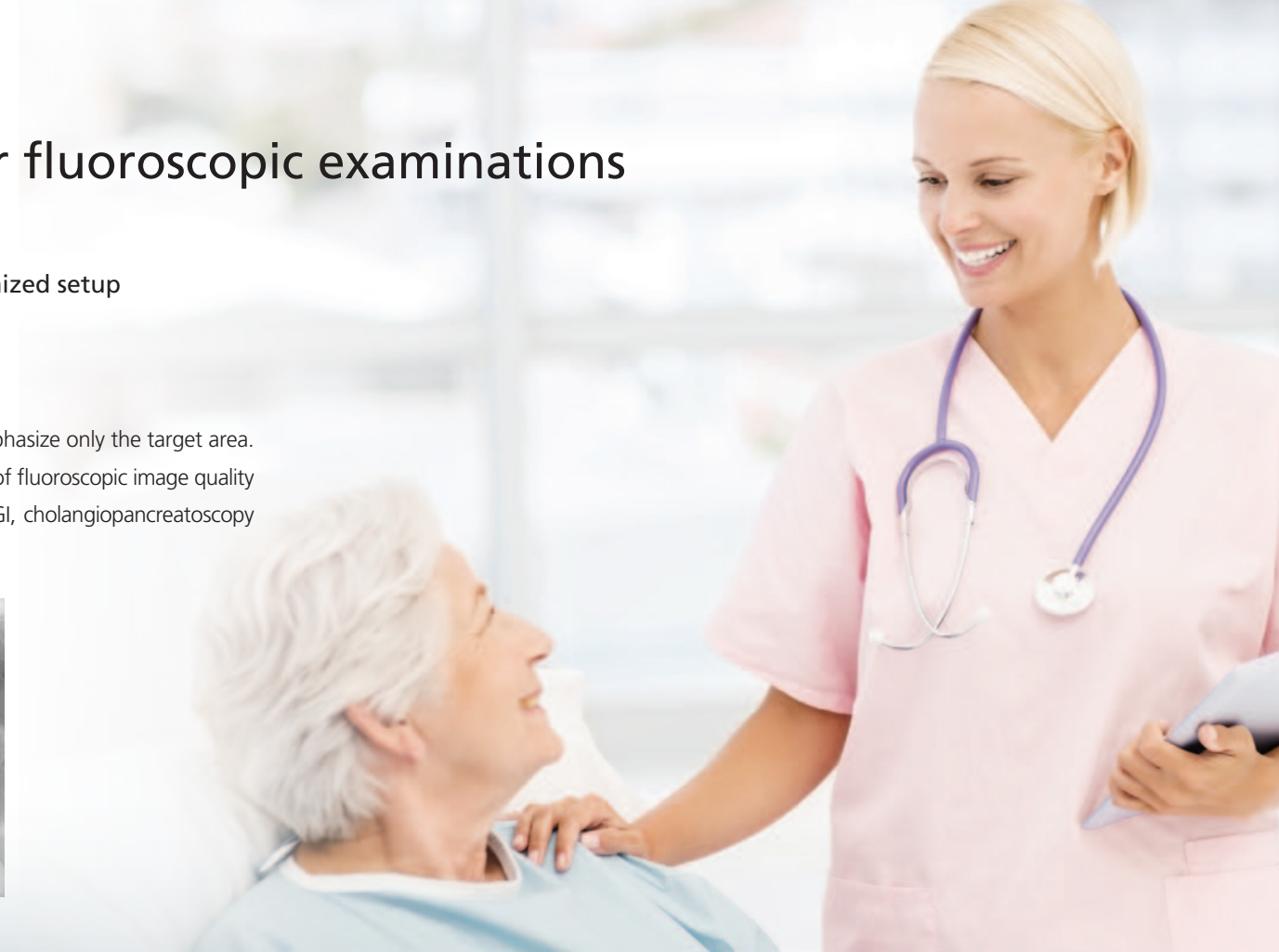


## SCORE PRO Advance for fluoroscopic examinations

Realize optimal image quality with easy customized setup

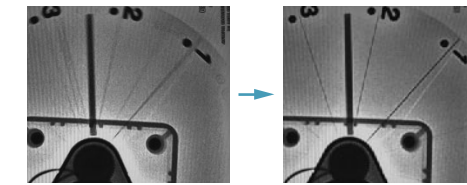
### SCORE PRO Advance

Reduces background noise components in real time to emphasize only the target area. SCORE PRO Advance offers the best balanced optimization of fluoroscopic image quality and radiation dose in multi-purpose examination, such as GI, cholangiopancreatography and so on.

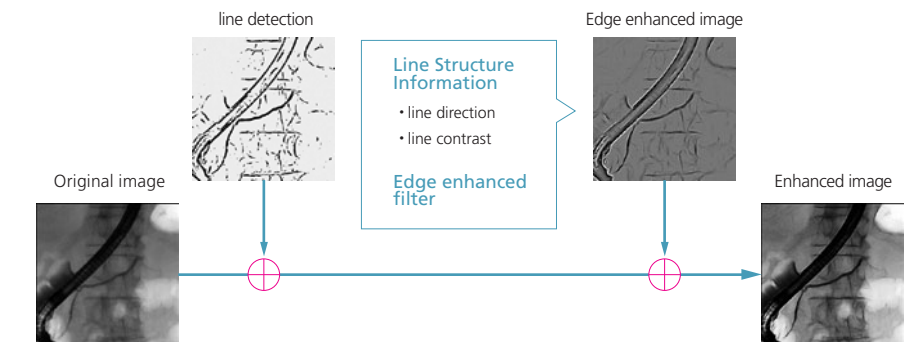


### Adoption of the latest motion tracking noise reduction

By performing block matching between frames, and recursive processing between the most matched blocks, noise is efficiently reduced without any lag.



Emphasizes only the target object without enhancing background noise



# Customize your R/F room

## For taking care of your daily examinations

- Combining a ceiling tube mount and a wall stand makes your clinical study efficient and profitable.
- Adding wireless FPD in your room, increases effectiveness of your radiographic examinations workflow.

- R/F table — Elevation : 25.6" - 43.3" ( 65 cm-110 cm )
- Operation console — Intuitive touchscreen controller
- Monitor — 19"LCDs ( acq / ref )
- DR — Integrated one-DR console
- 2nd X-ray tube — Ceiling-mounted X-ray tube
- Protector apron — Scatter radiation protection apron for physicians
- Bucky wall stand — Vertical travel range : 59.1" ( 150 cm )
- Monitor cart — Selectable option
- Ceiling mounted monitor support — Selectable option
- Cabinet — R/F table control cabinet  
Digital Control cabinet  
High voltage generator

\*optional

Shimadzu original Digital R/F system with security software

Monitor suspension with console\*

Bucky stand

- Vertical travel range:59.1" (150 cm)
- Tilting angle \*: -20° - +90°

GLIDE ASSIST Handle with Imaging deck

- 17x17 inch Csl FPD
- Wider range of Intelligent SID 28.7"(73 cm) to 59.1"(150 cm)
- Wider clearance between tabletop and FPD of 31.5" (80 cm)

Tray unit

- Size 14x17 inch Portrait / Landscape
- Travel range : 40.2"(102 cm)

Shimadzu "Universal R/F" table

- Elevation : 25.6" - 43.3"(65 cm-110 cm)
- High patient load for bariatric exams\* : 500 lbs(226 kg) at any height and all movements
- Hygienic tabletop
- \* 665 lbs(301 kg) patient load in Horizontal, stationary position.

Ceiling tube mount for maximizing productivity of R/F room

Removable grid for pediatric exams

Compact footprint & system cabinets

- Minimum room space without ceiling tube mount:  
W 14.1 ft x D 11.2 ft (W430 cm x D340 cm)

Monitor cart with console\*