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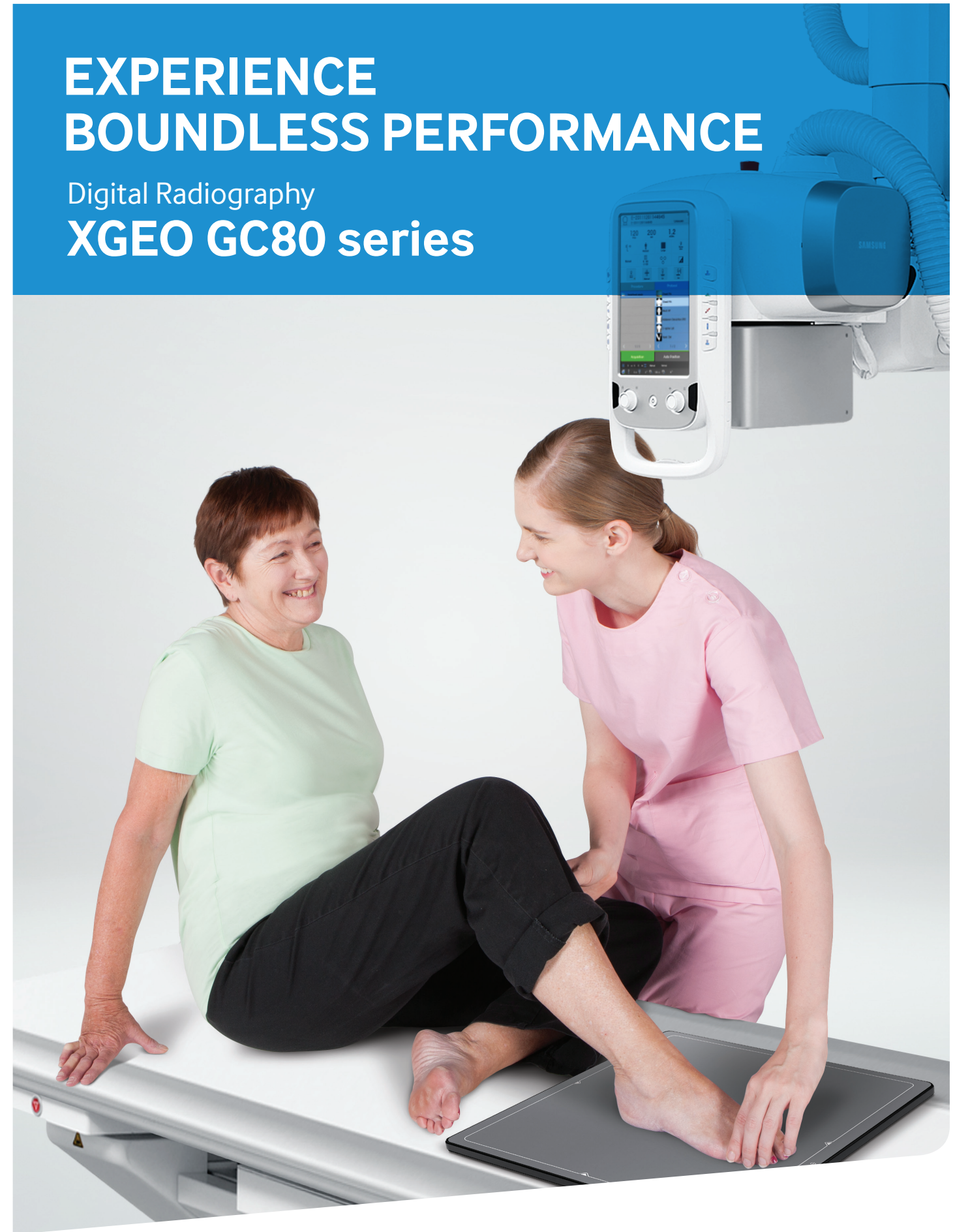
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CT-XGEO GC80 2.2-140730-EN

	XGEO GC80	XGEO GC80V-65/80
Tube	600kHU	400kHU
HVG(Generator)	80kW	65kW/80kW
Soft Handling	O	X
Auto Positioning	O	X
Smart Stitching	Option	Option
Wireless Detector	S4335-W / S4343-W	

EXPERIENCE BOUNDLESS PERFORMANCE

Digital Radiography
XGEO GC80 series



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XGEO GC80 SERIES FOR A NEW HEALTHCARE SOLUTION

The XGEO GC80 series delivers high-quality Digital Radiography performance and maximizes user experience along with a simplified workflow. The XGEO GC80 series provides a new healthcare solution by increasing your throughput and improving your workplace.





IMAGE SHARPNESS AND LOW DOSE WITH S-DETECTOR

Newly developed S-Detector displays the patient's anatomical structure clearly with high Detective Quantum Efficiency (DQE). In addition, the detector lowers the radiation dose for radiographers and patients.

*S4343-W
*S4335-W

EXPERIENCE DIAGNOSTIC CONFIDENCE WITH EXCELLENT IMAGES

High-quality images with S-Vue™

Samsung's next-generation S-Vue imaging engine delivers high-resolution images through advanced processing and adaptive filtering and provides enhanced image contrast and sharpness.

S-Vue provides:

- Improved image sharpness and clarity

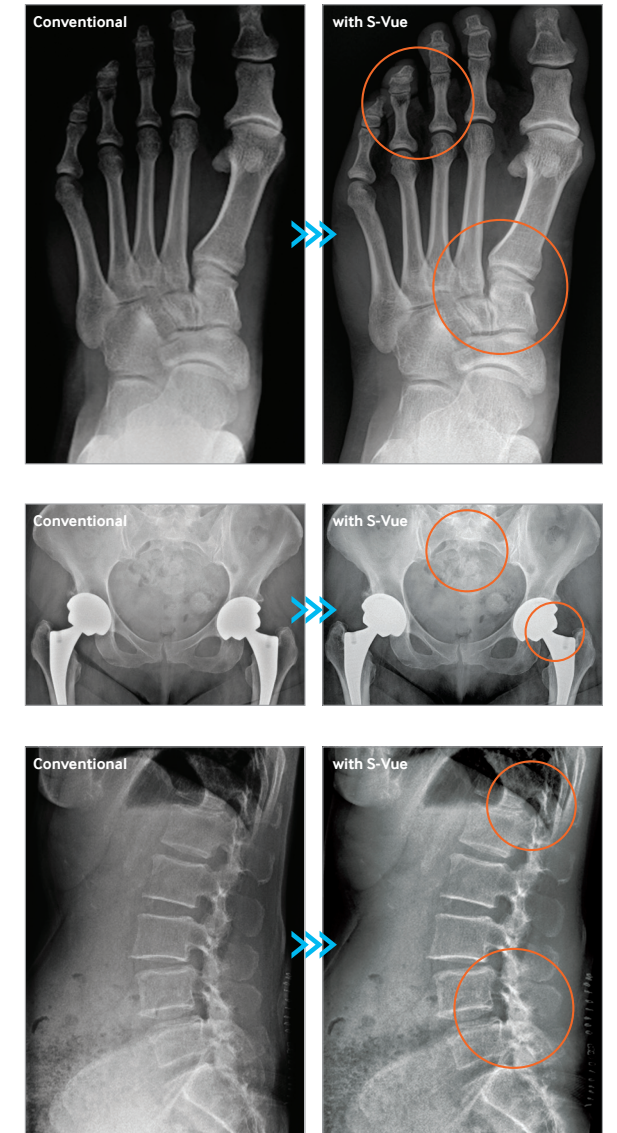
Thick and thin parts are clearly distinguished so that overlapping areas and contours are more sharply displayed.

- Ensured image reliability

Even in the presence of an implant, regions of interest are displayed clearly and without artifacts. In the areas where bones overlap, each bone stands out clearly.

- Great depth and range of image

Highly clarified contrast of the regions of interest provides a clear and detailed display of bones and soft tissues in a single image. Images of patients' organs with different characteristics, such as lung, spine and inguinal region images, can be displayed in detail on a single page.

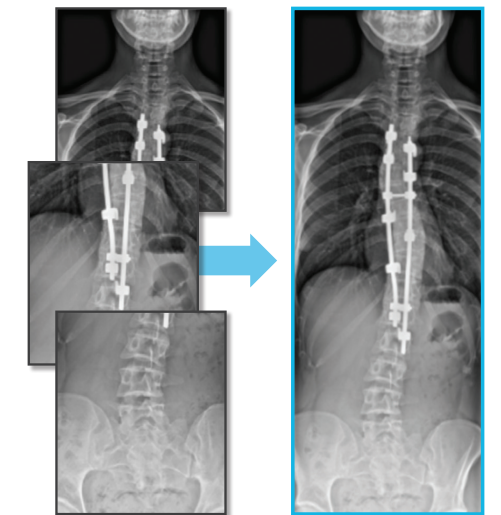


Results may vary depending on individual use.

Optimal accuracy with Smart Stitching

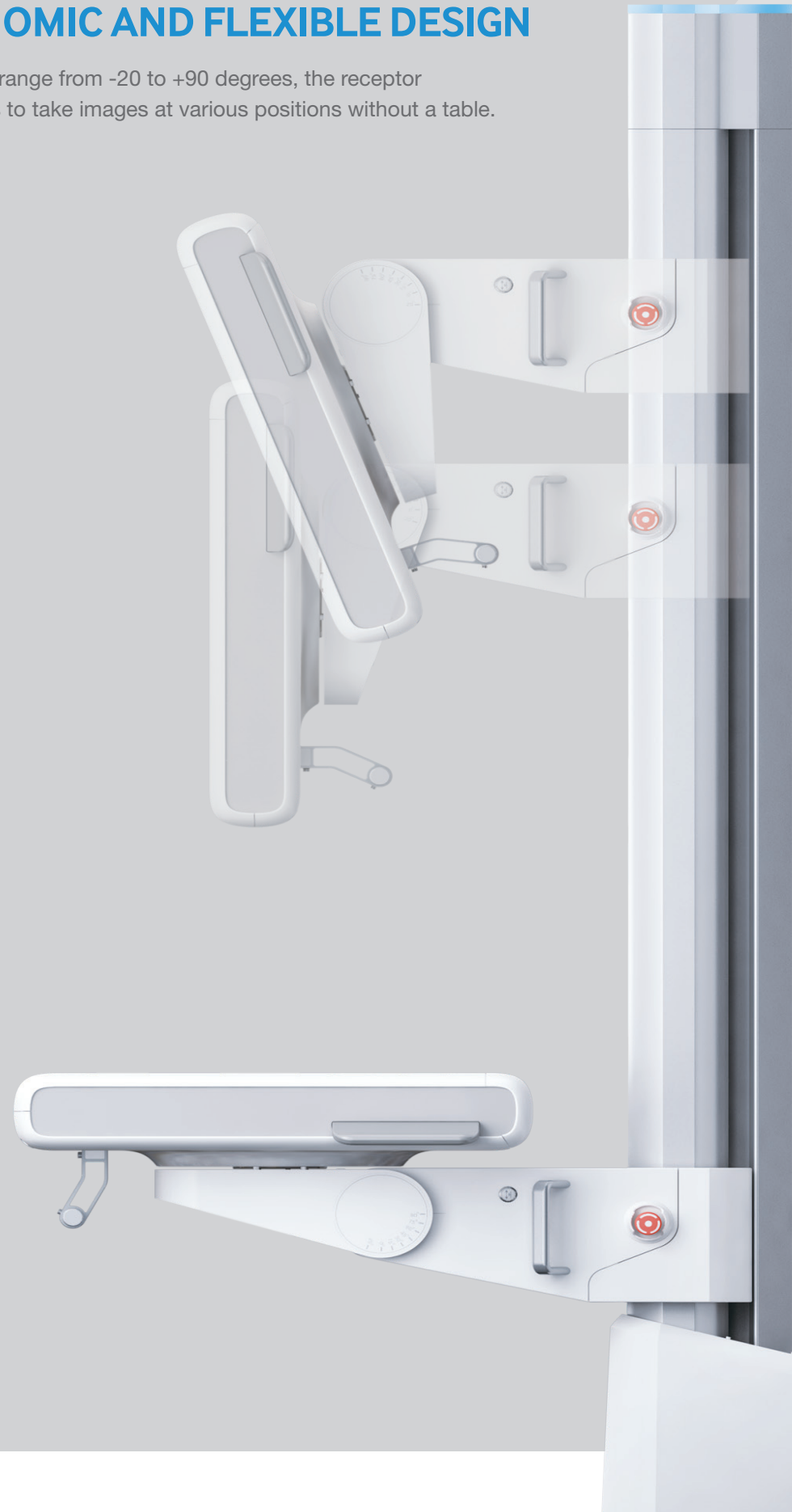
A stitched image supports diagnostic clarity more than separated images.

Smart Stitching captures two or more images consecutively and stitches them into one larger image.



ERGONOMIC AND FLEXIBLE DESIGN

Tilting at the range from -20 to +90 degrees, the receptor enables users to take images at various positions without a table.



EXPERIENCE STREAMLINED WORKFLOW

Patients' comfort and high throughput with lightweight wireless S-Detector

Mobility of wireless S-Detectors provides higher throughput, making the patients in the procedure more comfortable and convenient. As a result, the operator put less efforts, and a greater number of patients can be served.



Simple operation with a fully wireless system

The integrated wireless system provides immediate data transfer and includes wireless S-Detector, remote controller and wireless foot switch. The S-Detector's LED indicator reduces confusion when using multiple detectors. When the user interface and the detector's indicator color match, the user can choose the active detector with just one click.



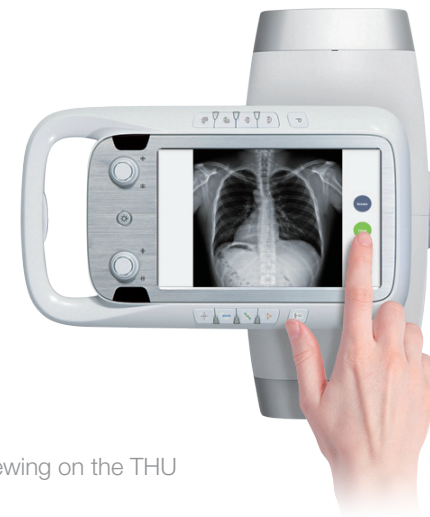
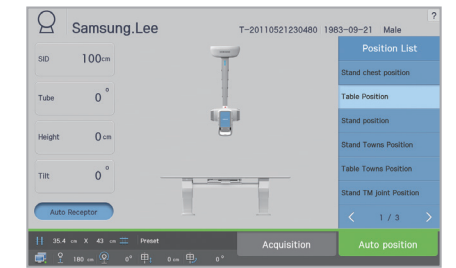
EXPERIENCE SIMPLIFIED OPERATION

Intuitive User Interface

Intuitive icons and buttons of the Tube Head Unit (THU) allow users to easily operate the system. The Positioning Help function displays patient positioning image guides on the THU to ensure correct patient positioning before imaging. In addition, it is easy to shoot multiple images after checking the preview on the THU's 12-inch wide screen.

Easy operation with auto positioning

The fully automated system moves into about five hundred exam positions and can be controlled with a handheld wireless remote control. This capability decreases the operational effort.



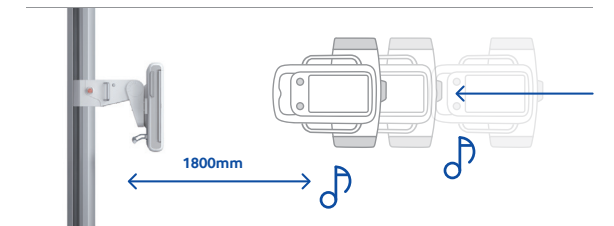
*Previewing on the THU



*Positioning help on the THU

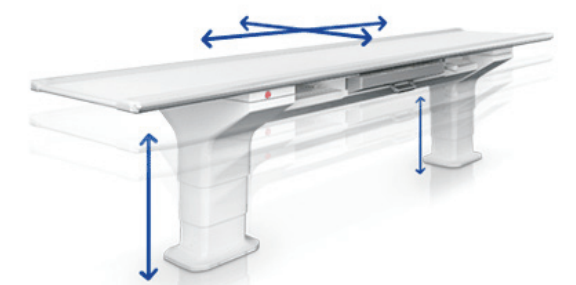
Useful Audio User Interface (AUI)

Different sounds and colors are assigned to each movement of the tube. Applying AUI to each movement helps users easily figure out the location of the THU (Tube Head Unit) while keeping patients under observation.



Reliable and flexible 6-way table

The flexible 6-way table can endure maximum weight of 350kg. The elevating range is from 545 mm to 900 mm, and both wired and wireless foot switches are available. Thin table legs enhance the use of fixed space, and the outstanding traffic line improves the workflow.



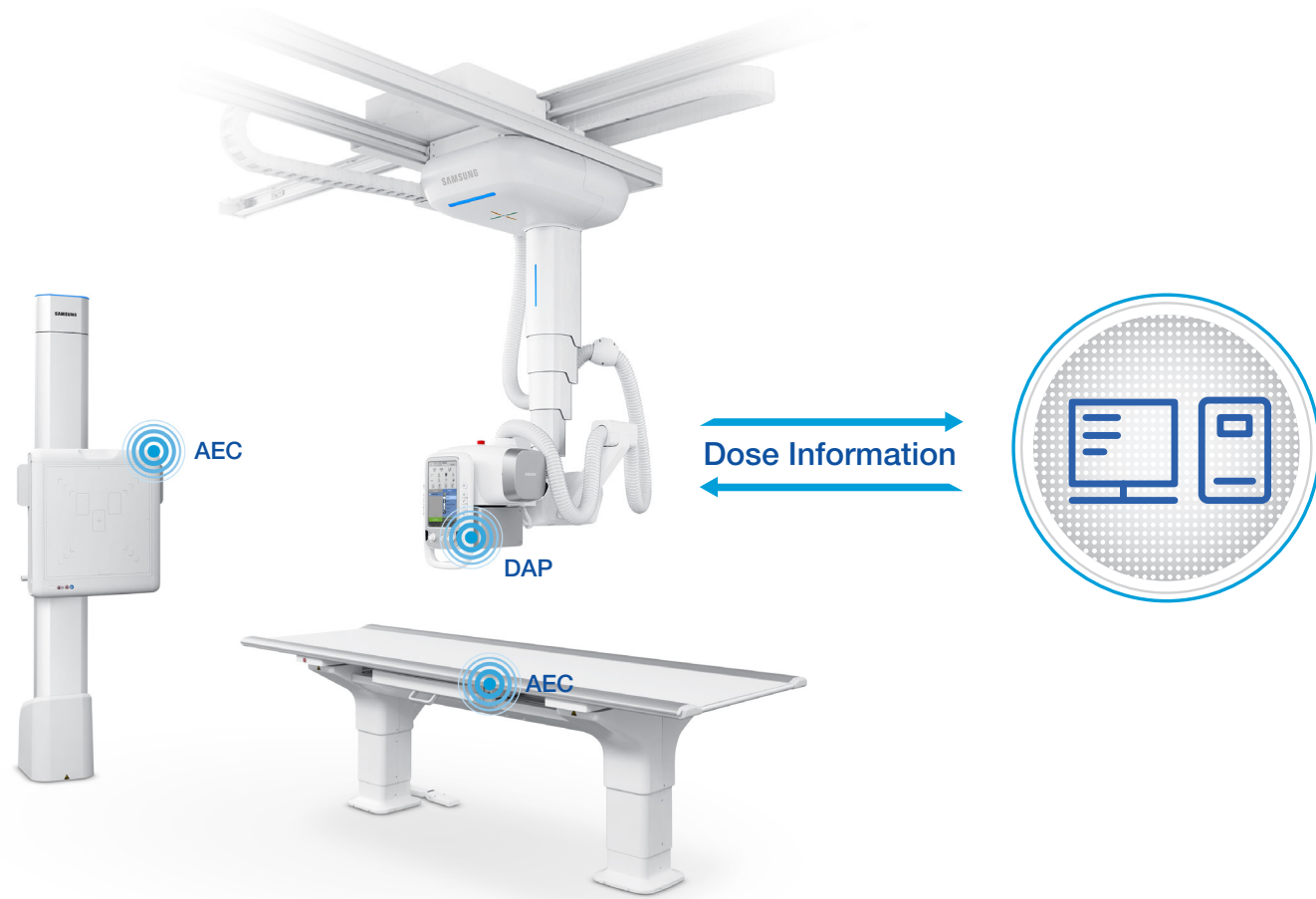
ULTIMATE EASE OF USE WITH SOFT HANDLING*

Low-level noise and easy handling technology enable users to operate the Tube Head Unit with low physical pressure, even without a side handle.

*Available in GC80



MAKE SAFETY THE TOP PRIORITY



Dose Area Product (DAP)

By measuring the amount of X-ray being used by the collimator, users can gauge the dosimetry of patients being examined. DAP information can also be delivered to PACS and effectively managed.

Auto Exposure Control (AEC)

The AEC function prevents excessive exposure to X-rays and provides optimal image quality to the patients.

Collimator with separate blade control

4-axis individual blade control function reduces radiation dose and is especially useful for pediatric chest examination.

Collision avoidance system

Six sensors can detect the movement of patients and users to avoid collision.

VALUE CARE SERVICES

Maintenance solution: 24/7, 365 days a year*

▶ RMS (Remote Maintenance System)

This system enables continuous monitoring of system errors, auto-diagnosis of the system and software version.

▶ 24/7 call center

The customer support center operates 24/7, 365 days a year to quickly respond to clients' problems.

▶ Upgrade service

Samsung helps clients use the latest products through optional detector upgrades, along with hardware and software upgrades.

▶ Service offering

Samsung offers clients the flexibility to choose service support by allowing them to select the coverage to meet their unique requirements.



* Maintenance service availability may vary by country.