

# GF55



The floor-mounted GF55 digital radiography system simplifies operation with auto-tracking, easy smart control and dose management features. The S-View™ display provides excellent, high resolution images for diagnostic accuracy and confidence. It also offers adaptive filtering with superb sharpness and readability. The GF55 features manual stitching, so images larger than the detector's area can be viewed as one image.

# SMART ACCESS AT HAND

## Exceeding expectation, raising value

GF55 offers you the smart configurations according to your clinical needs. S-Vue™ and Samsung Detector deliver high image quality for more precise diagnoses. In addition, GF55 simplifies operation with auto-tracking, easy smart control and dose management features, reducing diagnostic time and serving more patients..



## Smart Imaging Experience

### Depend on S-Vue™ for diagnostic assurance

Samsung's S-Vue™ provides excellent, high resolution images for diagnostic accuracy and confidence. The S-Vue™ imaging engine's adaptive filtering and processing technologies offer outstanding sharpness and readability.



S4335-W

S4335-AWV



Lightweight

### Improved diagnostic capability with Samsung Detector

iQuia™ Detector and S-Detector™ display the patient's anatomical structure clearly and the efficiency of radiation and spatial resolution are improved to ensure high image quality.

## Clinical Applications for expanding diagnostic opportunities

### SimGrid™\*



Before

After

With just a click, SimGrid™ allows you to provide better patient care with higher satisfaction and reduced retake rates without the use of a portable grid. It improves image contrast by reducing scatter radiation effects and creates better image quality.

\* Option, These images were taken with GM85

### Bone Suppression\*\*



Before

After

Bone Suppression improves the clarity of soft tissues by suppressing the appearance of bones, which improves your ability to read ROIs in chest images. You can easily create the companion image with a single click.

\*\* Option, These images were taken with GC85A

### S-Enhance\*\*\*



Before

After

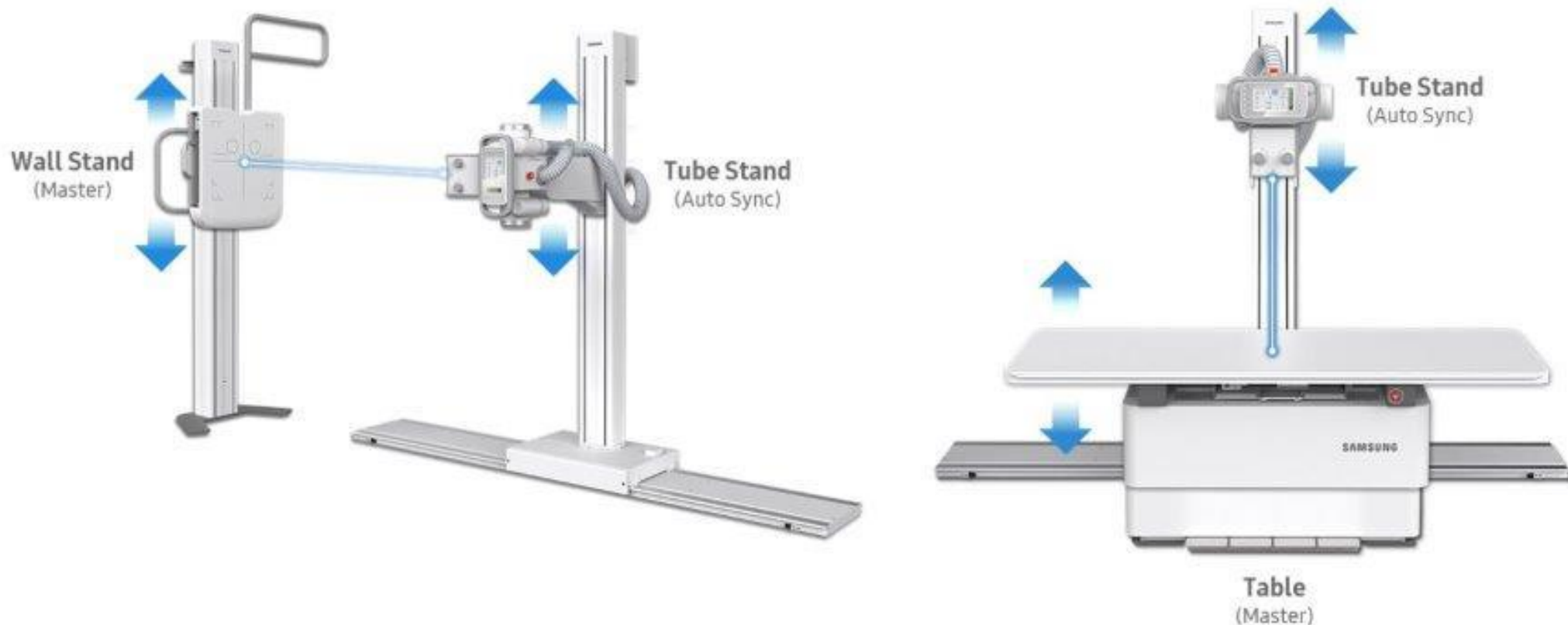
S-Enhance improves clarity of foreign bodies (e.g. tube, line and needle) in chest, abdomen and L-spine images to support your diagnoses. The companion image is created easily without additional settings or x-ray exposure, streamlining the workflow.

\*\*\* Option, These images were taken with GM85

# Smart User Experience

## Easy smart control with Auto Sync

You can position the patient easily with broadened travel range and Auto Sync feature.  
With Auto Sync feature, vertical movements between tube - table or tube - wall stand can be synchronized automatically with preset source to image distance.



Auto-tracking

Auto-tracking is a feature that automatically tracks the position of the patient's body during the scan. It is available on the Samsung HiScan 3000 and HiScan 3000 Plus.



### Manual tracking (General)

Step 1 | Tilt up the tube

Step 2 | Move the detector tray to the side

Step 3 | Check the center position

Step 4 | Try Step 2 & 3 again until the tube and detector are aligned

4 steps



### Auto-tracking (Samsung)

Step 1 | Tilt up the tube

Step 2 | Activate Auto-tracking

Only 2 steps

### Intuitive touch THU display

Intuitive user interface of the THU display allows users to easily operate the system. Radiologic technologist can set exposure condition directly on 7" LCD touch THU display, streamlining the workflow.



• This image was taken with GR40CW.

### Conventional diagnostic use

Manual Stitching\* can capture a body part that is larger than detector's area. After taking multiple images\*\*, Align-Assist function makes the alignment process easy, which helps merging them into one image.

\* Option

\*\* Two to five images available.

### Pediatric Exposure Management

Optimized 6-stage weight dependent imaging enables pediatric patients to avoid unnecessary x-ray exposure using precise dose management, resulting in superior image quality.

### Patient Size



6-stage weight dependent imaging



### Dose Reports

Dose Report including patient dose information such as Source to Image Distance (SID), Auto Exposure Control (AEC) and X-ray dose information measured by Dose Area Product (DAP) can be used for cumulative patient dose tracking.



# Smart Care Experience

## Choose an optimal configuration for your needs

Every single medical facility has different clinical needs and environment. GF55 provides you with various options you can choose from (e.g. major types of exams, number of exams in a day or other specific clinical needs).

It is also available in stand only configuration without the table for chest rooms and you can choose various advanced software options.

Tube/Wall Stand	Table	Collimator	Tube & HVG	Adv.Applications
	<input checked="" type="checkbox"/>  6-way  <input type="checkbox"/>  4-way  <input type="checkbox"/> No Table	<input checked="" type="checkbox"/>  Type A  <input type="checkbox"/>  Type B  <input type="checkbox"/>  Type C	<input type="checkbox"/>  300kHU 200kHU  <input checked="" type="checkbox"/>  52kW 40kW C-40kW	<input type="checkbox"/>  Manual Stitching  <input checked="" type="checkbox"/>  SimGrid™  <input type="checkbox"/>  Bone Suppression  <input type="checkbox"/>  S-Enhance

# Secure Your Care

## Samsung Healthcare Cybersecurity

### Intrusion Prevention



Tools for protecting against cyber threats from external attacks

### Access Control



Strengthened surveillance for tracking the access of patient information

### Data Protection



Encryption functions for safeguarding data whether at-rest or in-transit