

## About Samsung

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## For more information

For more information about Samsung GM60A, visit [www.samsung.com/healthcare](http://www.samsung.com/healthcare)

CT-GM60A 1.4-150610-EN

GM60A series is not a specific product model of Samsung, but a general designation for the GM60A-32S and GM60A-40S product models. Please refer to the catalog for details of each model.

	GM60A-32S	GM60A-40S
HVG (Generator)	32 kW	40 kW
Column height	198 cm, 185 cm	
Anode angle	16°, 12°	
Power connection	100V,110V,120V,127V,220V,230V,240V 50/60Hz	
Wireless detector	S3025-W, S4335-W, S4343-W	

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# Superior Imaging on the Go

## Mobile Digital Radiography GM60A Series



**SAMSUNG**



## Deliver high-quality imaging directly to the patient's bedside

### GM60A delivers:

- Effortless workflow with advanced mobility**  
 Users' daily routines are simplified with fast and productive workflow in a convenient mobile system.
- High diagnostic confidence with excellent image quality**  
 S-Detector and S-Vue™ features support vital diagnostic clarity with outstanding imaging.
- Reliable operation with enhanced usability**  
 GM60A offers superb usability for recharging, storage, operation and communication.



## Expanded access with advanced mobility

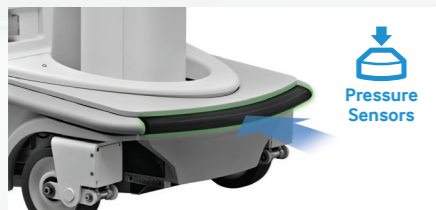
A motorized moving system enables access even in tight spaces and slightly inclined hallways.



Light pressure on the handle is enough to control the speed (up to 5 km/h) easily.



Large, spring-loaded wheels make moving around easy and absorb shock vibrations.



The sensor in the front bumper automatically stops the device if a slight pressure is detected.



## User-friendly solutions for effortless workflow

### Increased patient throughput with comprehensive positioning

GM60A is suited for standard radiography positioning and for challenging positions, such as those required for trauma patients.

- **Lightweight S-Detector for easy handling**

Wireless S-Detectors are lightweight (for example, S3025-W is only 1.63 kg) for agile use. The detectors move quickly to serve a greater number of patients. A thin, lightweight (only 0.8 kg for S4335-W) and portable grid can be conveniently placed under patients to enhance their comfort.

- **Flexible design for delicate adjustments**

Fine-positioning buttons offer handle-free, subtle 4-way adjustment. The system also offers extensive tube reach (70-125 cm) and a wide range of column rotation ( $\pm 315^\circ$ ).

- **Laser guide for more accurate positioning**

An optional dual laser function supports detailed positioning of the device relative to the patient by verifying 1 m Source to Image Distance (SID).



GM60A delivers high quality care to different needs in a wide range of circumstances.

### Patient room

Scan patients without moving them to an X-ray room.



### Operating room

Gain valuable information that helps in surgery decision-making and save time.

Diagnose at the site and make quick decisions.



Quickly access patients and monitor them after surgeries.

### Intensive care unit

### Accelerated throughput with quick image acquisition

Preview and full images can be displayed in less than 3 seconds and 10 seconds,\* respectively. Previewed images can be reshot or retrieved as full images.

A touch shutter feature allows users to crop regions of interest by simply touching two points.

\* Image acquisition time may vary according to the image processing parameters and detectors.



# Exceptional images for diagnostic accuracy

## Improved diagnostic capability with S-Detector

- **High DQE for excellent imaging**

Newly developed S-Detector displays the patient's anatomical structure clearly with high Detective Quantum Efficiency (DQE). The efficiency of radiation and spatial resolution are improved compared to previous indirect type detectors, reducing radiation needed to ensure high image quality.

- **Varying sizes for optimal use**

S-Detectors are available in three different sizes (S4343-W, S4335-W and S3025-W), providing personalized care from pediatric to bariatric patients and ensuring optimized images for different sizes of body parts, such as hand, chest or spine.



- **Great durability for reliable operation**

S3025-W is water-resistant to protect it from liquid sprays and dust in all directions. The unit's water resistance also protects it from spills and damage resulting from unexpected contact with blood, body fluids and liquid medication, as well as powdered medication.\*



\* S3025-W features International Protection Marking code (IP54)-level protection.

## 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**

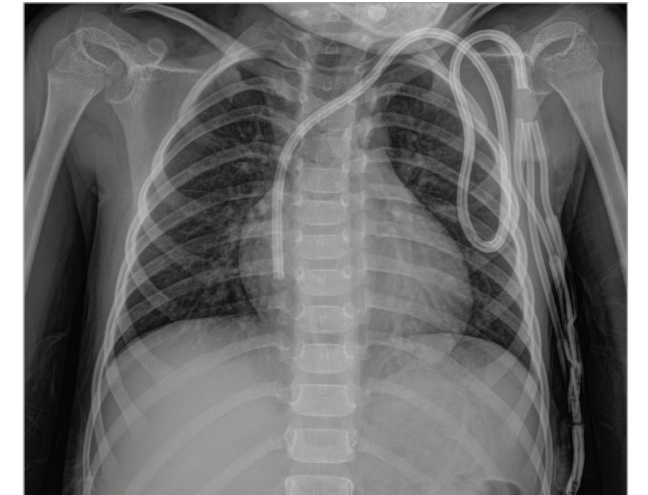
Thick and thin parts are clearly distinguished so that overlapping areas and contours are more sharply displayed.

- **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.

# Enhanced usability for reliable operation

## Less downtime with concurrent detector charging and storage

The detector can be stored and charged simultaneously, even in motion. There is no need to connect cables and replace batteries, and you can always carry charged detectors to minimize downtime.



## Seamless communications with simple data transfer

Straight wireless image transmission to the Picture Archiving and Communication System (PACS) overcomes space constraints. A tethered cable is available in case of Wi-Fi disruption or detector discharge.



## Swift operation with an intuitive interface

A workstation with a 17-inch wide touchscreen, intuitive icons and buttons facilitates virtually effortless operation. The use of different battery indicators for exposure and mobile capability allows users to easily notice each battery level.



Wireless hand switch



Dose Area Product (DAP)



Portable grid

## Optional accessories

Optional accessories in the table below are also available for purchase.

Accessory	Description
Wireless hand switch	The wireless hand switch allows the user to remote-control the system during image capture.
Bar code scanner	Bar code scanning enables easy upload of patient information.
Dose Area Product (DAP)	The DAP meter allows users to benefit from integrated dose reporting to PACS.
Portable grid	The lightweight grid for S4343-W or S4335-W provides effortless use of the wireless detector.
Additional cabinet (column)	One detector and one grid holder can be stored.
Quality Assurance Program (QAP)	QAP enhances quality control procedures by providing AI filter and phantom.
Variable filtration	Variable built-in beam filtration delivers low X-ray dose.

For more information on optional accessories, please contact a sales representative.

# Constant supports for improved efficiency

## Strategic investment with S-Share

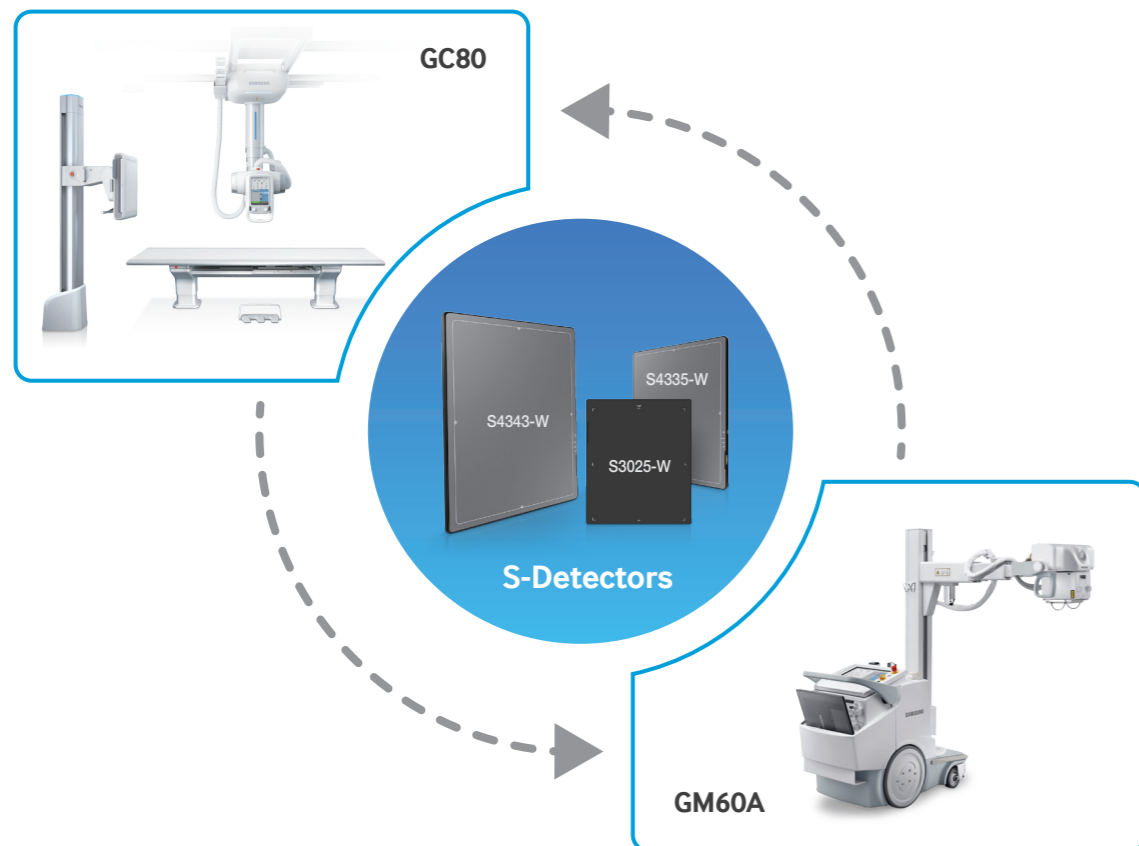
S-Detectors (S4343-W, S4335-W and S3025-W) are compatible with GM60A and another Samsung Digital Radiography GC80.

### ► Adaptability for continuous operation

S-Share can increase efficiency through the use of S-Detectors in multiple areas. For example, S-Detector that comes included with GM60A can support a GC80 room during peak exam periods. S-Detector can also increase productivity in areas such as wards, emergency rooms or intensive care units during mornings or late nights when there is less need for the detector in the GC80 room.

### ► Flexibility for cost-efficient solution

S-Share provides cost-efficiency by enabling customizable detector configuration when purchasing GM60A. This flexibility satisfies unique clinical needs and gains maximum output from minimal expenditure.



## 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 that are either free of charge or provided through a cost of charge service, depending on the agreement terms and conditions.

### ► 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.