

Samsung Electronics Co., Ltd. inspires the world and shapes the future with transformative ideas and technologies, redefining the worlds of TVs, smartphones, wearable devices, tablets, cameras, digital appliances, printers, medical equipment, network systems, and semiconductor and LED solutions. We are also leading in the Internet of Things space through, among others, our Smart Home and Digital Health initiatives.

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CT-GR40CW 3.0-150923-EN

	S4343-W	S4335-W	S4335-WV	S3025-W
Detector type	CsI (Direct deposition), Amorphous Silicon TFT	CsI (Direct deposition), Amorphous Silicon TFT	Gadox, Amorphous Silicon TFT	CsI (Direct deposition), Amorphous Silicon TFT
Effective area	43 cm x 43 cm	43 cm x 35 cm	43 cm x 35 cm	30 cm x 25 cm
Weight	Typ. 3.70 kg	Typ. 3.10 kg	Typ. 2.90 kg	Typ. 1.63 kg
Preview time	3 seconds(Tethered), 3.5 seconds(Wireless*)			
Battery recharging time	3 hours (Battery charger)			
	6 hours (Tethered)			
Battery life	160 images during 4 hours (at 90sec/cycle)			

* It depends on wireless condition

The S4335-WV Gadox detector is not available for the GR40CW system in the USA.

Fundamentally Digital

Digital Radiography

GR40CW



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Easier approach to DR with simple installation

GR40CW converts your analog/CR system into a superior DR system. Because GR40CW is the same size as film/CR cassettes, you can upgrade your old equipment to DR system. AED(Auto Exposure Detection)* recognizes exposure timing automatically without a cable connection between the X-ray generator and detector, thus permitting easy and simple installation.

*Optional



Experience enhanced workflow and throughput

3-step workflow

GR40CW allows users to simplify their daily routines. With GR40CW, workflow is three times faster than with CR system. By reducing workflow steps, it reduces cost and time while increases productivity.



Thin and lightweight S-Detector

A lightweight wireless detector gives users the freedom to position the unit quickly and easily so a greater number of patients can be served.



Intuitive User Interface

A workstation with intuitive icons and buttons facilitates virtually effortless operation.



Fast preview

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

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



Varying sizes for optimal use

S-Detectors are available in different sizes (S4343-W, S4335-W, S4335-WV, S3025-W), enabling personalized care for pediatric to bariatric patients. With two product options of the same size: S4335-W (Csl type) and S4335-WV (Gadox type), users can satisfy clinical and financial needs.*



Improved diagnostic capability with S-Detector

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.

Continuous use with a waterproof design

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.**

* For more information on detector configurations, please contact a sales representative.

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

Experience 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

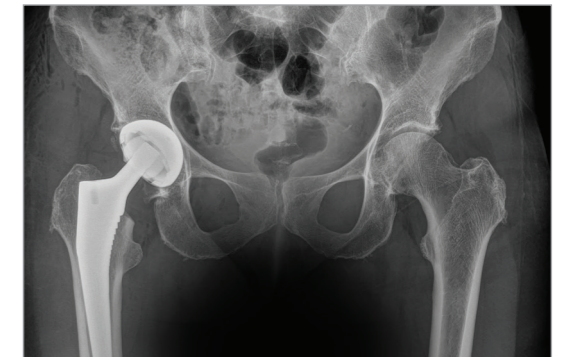
Thick and thin parts are clearly distinguished so that overlapping areas and contours are more sharply displayed.

- 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.

Improve efficiency with continuous operation

Strategic investment with S-Share*

S-Detectors (S4343-W, S4335-W and S3025-W) are compatible with Samsung DR systems.**

Continuous operation

When a detector is discharged, it can be used with detectors from other compatible Samsung DR equipment. This capability enables patient care to continue without interruption.

Enhanced utilization

S-Share can dramatically increase efficiency through the use of S-Detectors with various existing compatible equipment. S-Detectors can be used in the morning for daily ward rounds. During peak exam periods the detectors can be used to increase productivity in exam rooms. System operators can also use S-Detectors to support emergency rooms and intensive care units.

Maximum output from minimal expenditure

S-Share reduces expenses by properly configuring the number and sizes of detectors to be purchased to address key clinical needs and deliver maximized output with lower expenditure.

* Option

** Compatible Samsung DR systems may vary by country.



Constant support for improved efficiency

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.

** Service countries are Germany, France, Italy, China, Thailand, Turkey, USA and Brazil.