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CT-GR40CW 2.4-141201-EN

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

Mobility of wireless S-Detectors provides higher throughput, making the patients in the procedure more comfortable and convenient. As a result, the operator's effort is reduced, and a greater number of patients can be served.



Intuitive User Interface

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

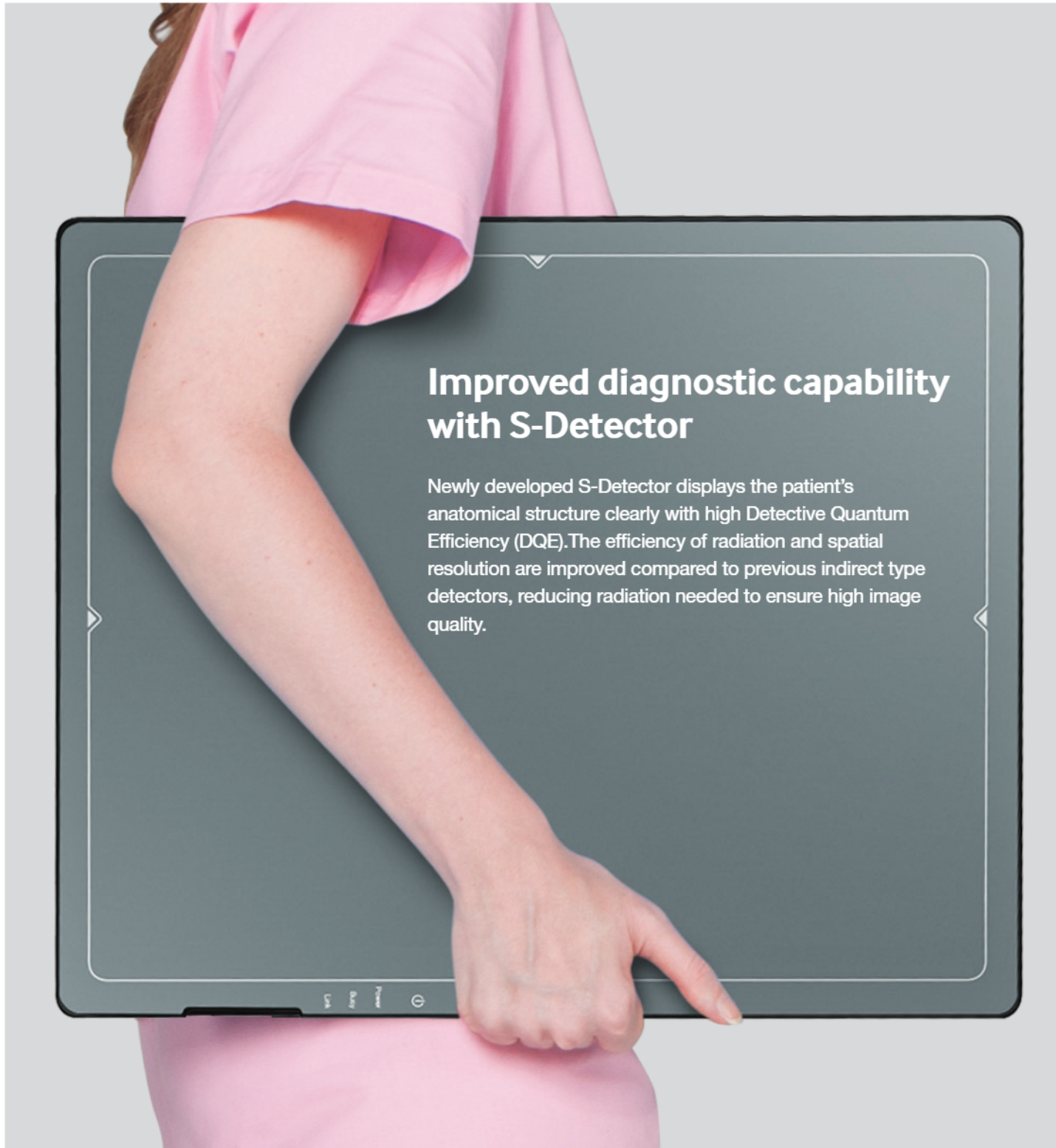


Fast preview

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

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





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.

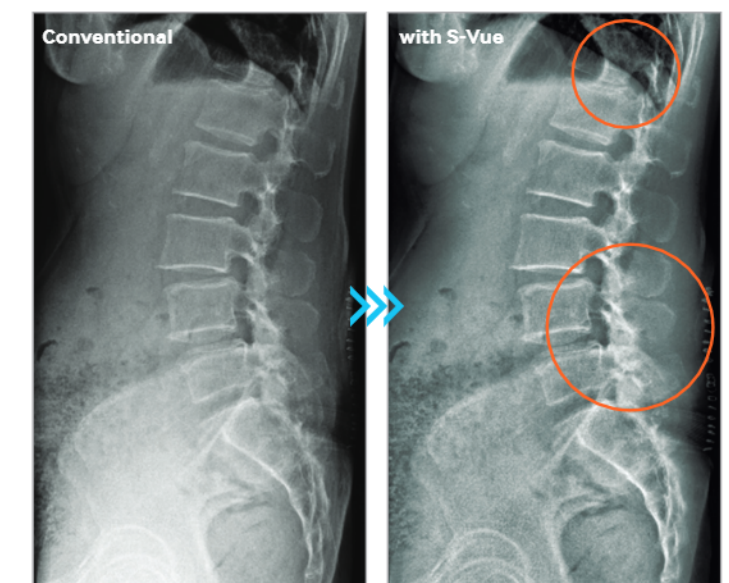
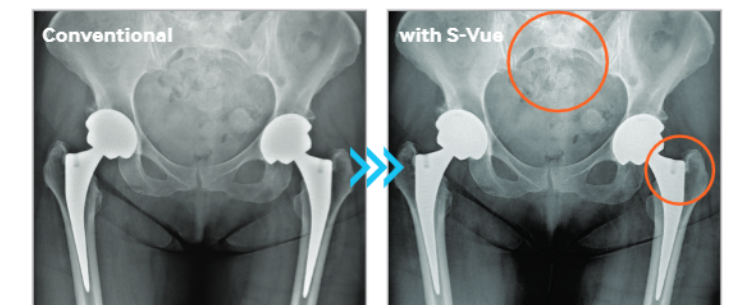
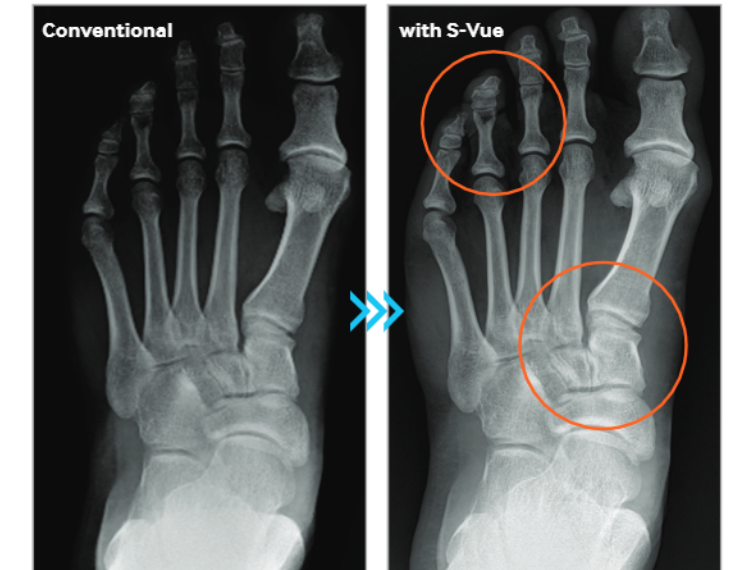
Experience excellent images

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.

	S4335-W	S4335-WV
Detector type	Csl (Direct Deposition), Amorphous Silicon TFT	Gadox, Amorphous Silicon TFT
Effective area	43 cm x 35 cm (17 in x 14 in)	
Weight	Typ 3.1 kg	Typ 2.9 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 air condition



Faster and always on

Samsung Service increases operational efficiency and throughput rate with fast, systematic service and advanced technical support. The service also supports clients' growth and business innovation by sharing best practices with service engineers in 207 countries worldwide. To accomplish this, Samsung Service continually develops and offers a variety of customer service programs, such as maintenance solutions and the S-Care service offering.

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.