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We employ 307,000 people across 84 countries with annual sales of US \$196 billion. To discover more, please visit our official website at [www.samsung.com](http://www.samsung.com) and our official blog at [global.samsungtomorrow.com](http://global.samsungtomorrow.com)

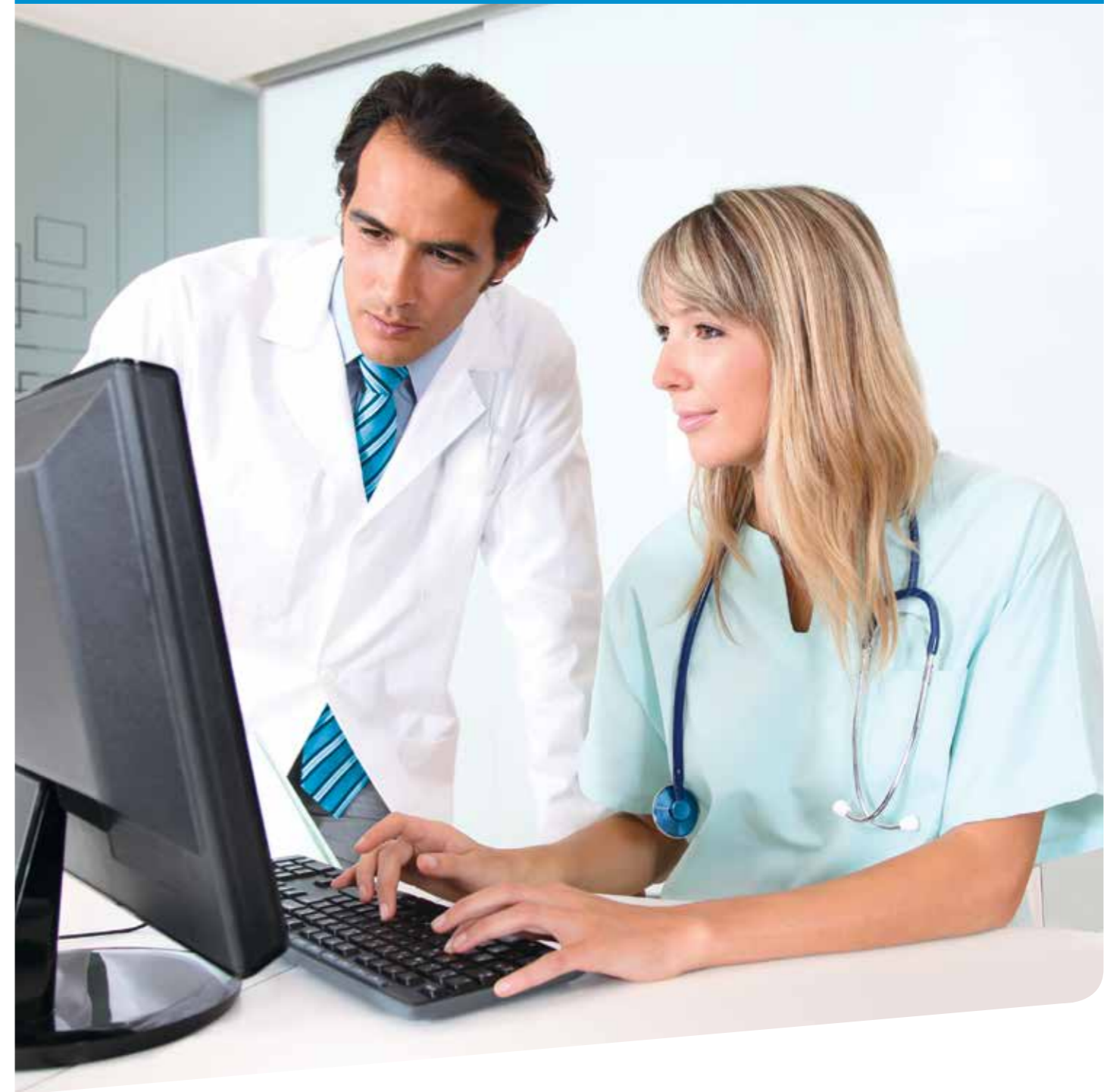
CT-GR40CW 3.1-160622-EN

	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

# Fundamentally Digital

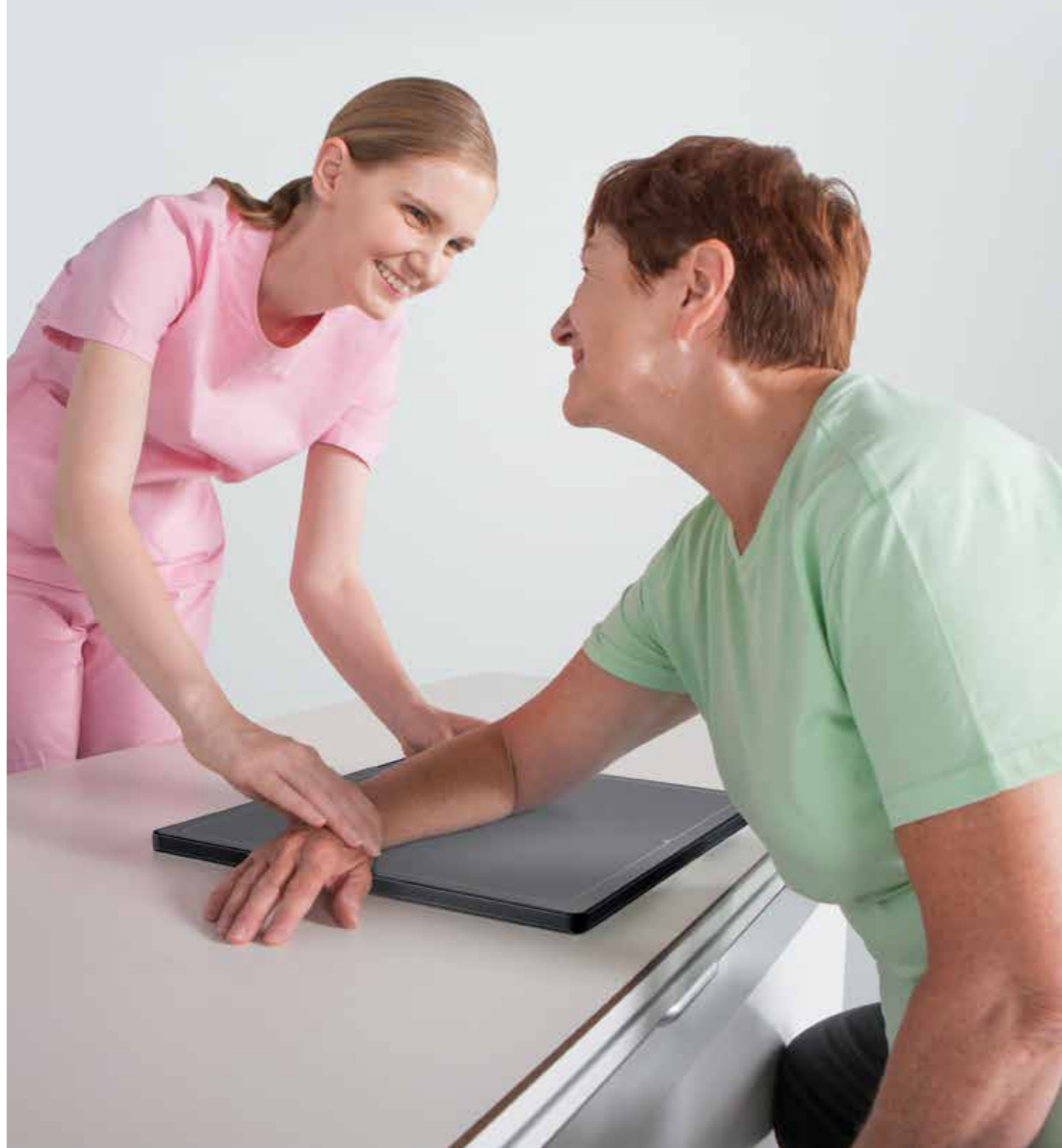
## Digital Radiography GR40CW



### 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.

\* AED is 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

### Depend on S-Vue for diagnostic assurance with crystal-clear imaging

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



#### Improved image definition and visibility

Innovative image processing technology clearly displays areas with varying bone density, including thick and thin parts with overlapping areas and contours.



#### Reliable clarity for high accuracy

S-Vue delivers image integrity for increased diagnostic precision. Regions of interest (ROIs) with implants and bone overlaps display sharply.



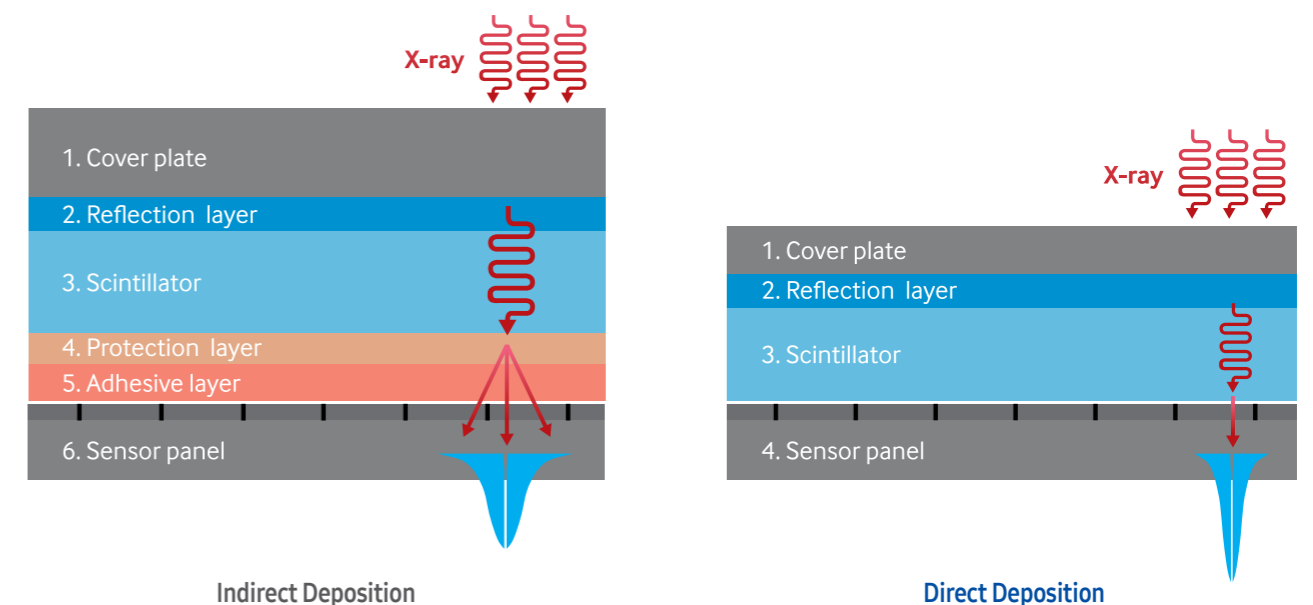
#### Great depth and superior dynamic image range

Clarified ROI contrast delivers a clear view of bones and tissues with enhanced detail. Areas with varying characteristics, such as spinal, lung and inguinal regions are distinctly displayed on a single image.

### Advanced direct deposition detector

Samsung's direct Csl deposition type wireless detector allows X-ray signal to pass directly from the scintillator to TFT without interruption for clearer, sharper imaging.

Thus, diagnostic accuracy and patient safety is enabled with Samsung's innovative wireless detector combined with excellent product quality.



# 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.

\* S-Share is Optional

\*\* 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.