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Мобильная цифровая рентгенографическая система премиум-класса AccE GM85



Ultimate driving experience

The ultra-compact, ultra-light design of the AccE GM85 allows advanced mobility even in tight spaces.



AccE Glass-Free Detector

AccE Glass-Free Detector is designed to relieve users' fatigue with approximately 2 kg (4.5 lbs) light weight through glass-free technology, but maintains high image quality with high DQE.

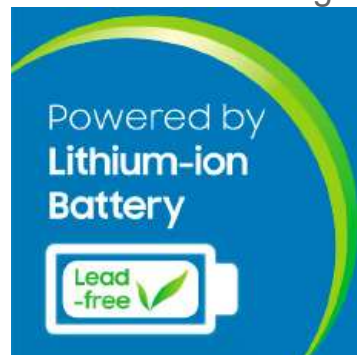
Accelerating Experience

Premium mobile digital radiography system AccE GM85 provides advanced driving experience and advanced applications to support enhanced usability and high image quality.

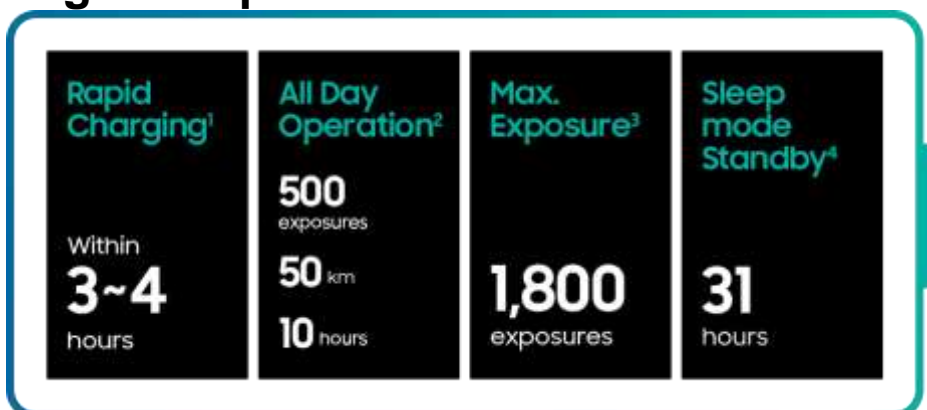


UPGRADE. 1 Powerful Battery Performance

- As the procedure volume of mobile x-ray increases to deal with a large number of patient volume, Samsung is focusing more on efficient mobile DR imaging based on its accumulated battery technology. The upgraded lithium-ion battery offers 54% longer operating time² than conventional GM85 on a single charge.



- Higher efficiency**
- Shorter service time**
- Longer lifespan**



- ¹200 ~ 240 VAC < 3 hours, 100 ~ 127 VAC < 4 hours

- ²Test condition: 80kV 250mA 5ms / Shot interval 60s (with driving 5.6km/h)
- ³Test condition: 80kV 250mA 5ms / Shot interval 10s (without driving)
- ⁴Standby: 15 hours for LCD on, 75 hours for power off

UPGRADE. 2 Quiet Operation for Care

- The noise level is reduced by **9dB** compared to the conventional GM85 in stand-by mode.



AccE GM85 allows low noise operations that do not disturb other patients. With **night mode** on, the screen color, temperature, and sound volume are accordingly adjusted. It will be a necessary function for taking x-ray exams in a quiet environment such as NICU. Its **quick exposure** feature is useful for pediatric patients who are not easy to maintain stationary posture.



- ¹The noise level is less than 43 dB when the system is on stand-by.
- ²American Academy of Pediatrics (AAP) recommendation in NICU ≤ 45 dB

Advanced Driving Experience

Compact & Light

The Ultra-compact, Ultra-light AccE GM85 allows access to anywhere, even in narrow hallways or tight spaces. Its light weight also allows easy maneuvering both in and out of elevators without worrying about the weight limit.



Safe Navigation

Collapsible column enables safe navigation by securing a clear view. Light pressure on the handle is enough to control the speed of the device easily. The sensor on the front bumper automatically stops the device with a short braking distance.



Expand PRESTIGE Experience

S-Share™*

S-Share™ can dramatically increase efficiency through the use of with various existing compatible equipment.

It enables accelerating connection for better synergy with prestige digital radiography systems.



* Optional feature requiring additional purchase

SID Guide*

SID (Source to Image Distance) Guide supports multiple SID settings to aid precise device positioning. Also, the quick positioning function offers handle-free, accurate maneuvering of the device by allowing Quick Positioning from the THU (Tube Head Unit).

* 3 SID Types : 100/130/180 cm



S-Align™*

S-Align™ displays the detector's angle to the THU for precise alignment and enhances the quality of imaging.

With S-Align™ Info. to DICOM* feature, the tube/detector angle information is inserted into the DICOM personal tag and added as annotations.

- * Optional feature requiring additional purchase
- * DICOM Tag : (0033, 1034)
- * This feature is only for S4335-AW, S4343-AW detector.



Mirror View*

Mirror View function provides secured screen sharing of AccE GM85 to the display device using Wi-Fi CERTIFIED Miracast™. This can help make a correct and quick decision on the x-ray image seamlessly, especially useful for the ER/OR or trauma environments, where multiple medical staff need to quickly acquire and check images in real-time. Therefore, Mirror View can reduce first aid response time and the risk of contamination in the OR room with ease of use.

- * Optional feature requiring additional purchase
- * Compatible with Windows 10 only.
- * Miracast receiver dongle is necessary.
- * When using the Mirror View, image transmitted via Miracast is not available for the purpose of diagnosis.



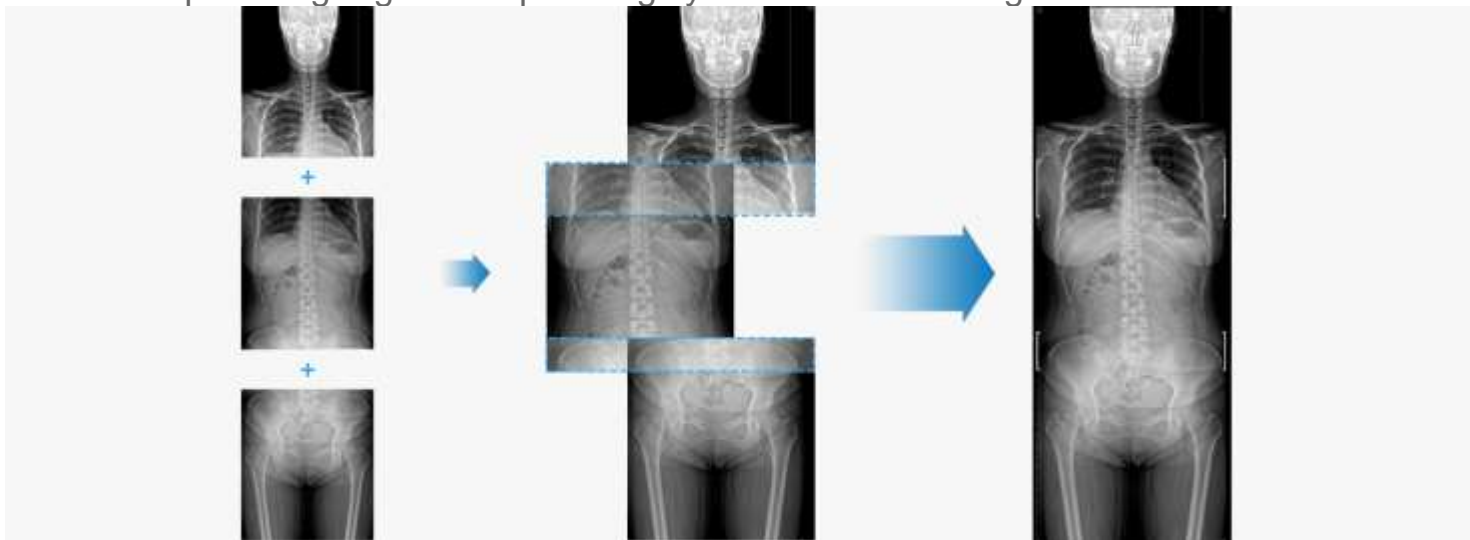
Multi-touch

The multi-touch function allows users to control and adjust images easily and intuitively with fingers only. Pinch gesture enables the user to zoom in and out while the two-touch shutter makes image cropping easy.



Manual Stitching*

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. The surgeon can check the whole spine image right after spine surgery with Manual Stitching.



- * Optional feature requiring additional purchase
- ** Two to five images are available
- *** These images were taken with GR40CW.

Diagnostic Confidence

Low Dose in S-View™

S-View™ not only provides excellence in image quality, but also secures better patient safety in radiography examinations.

This can help change the patient's perspectives for x-ray radiation and improve patient satisfaction.

The dose level can be reduced up to 45% dose reduction for pediatric abdomen,

15.5% for pediatric chest, and 27% for pediatric skull exams with advanced denosing algorithm.

Case 3. Adult Chest PA

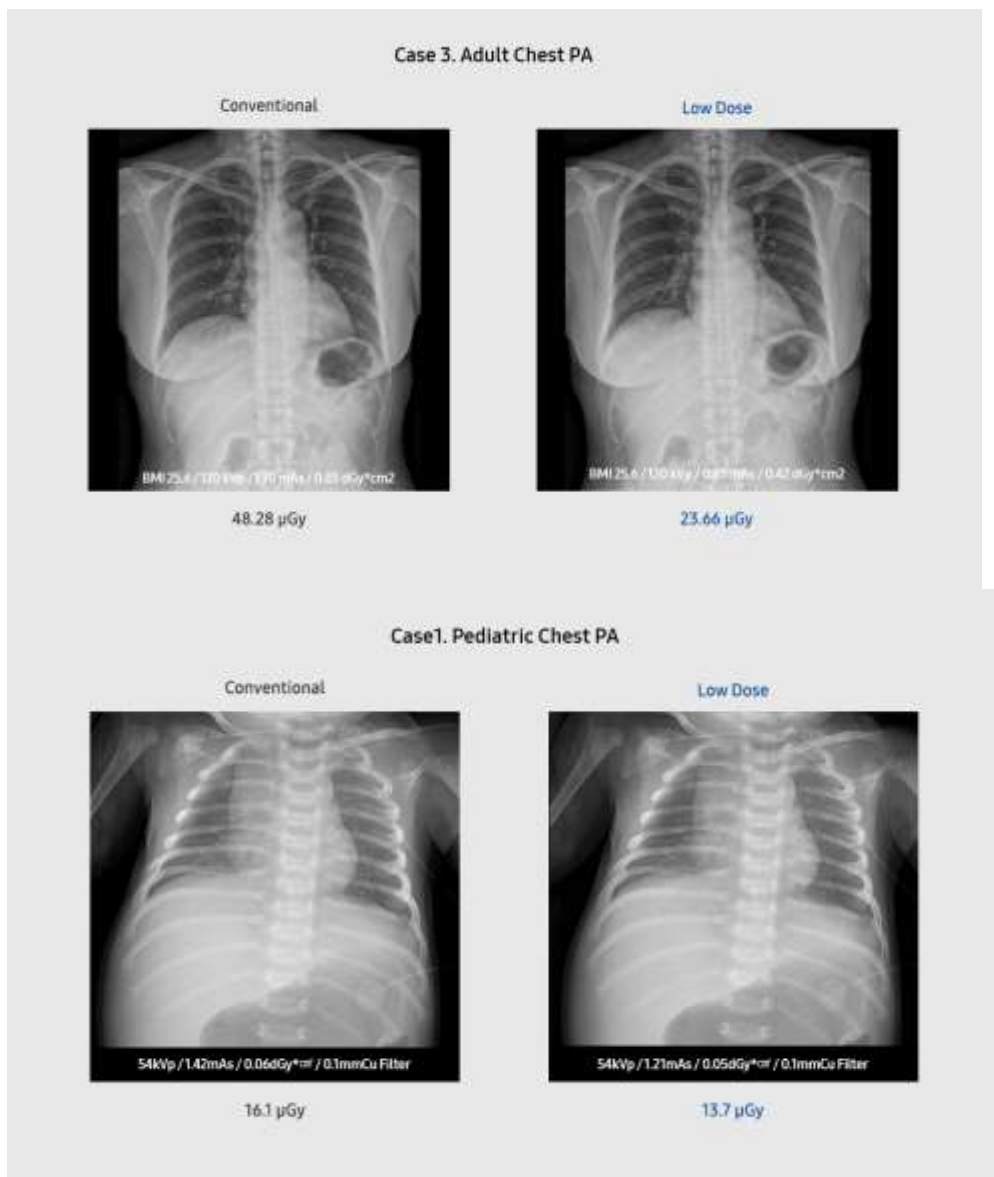


Case1. Pediatric Chest PA



Case 2. Adult Abdomen





* Note : The claim concerning Samsung DR is based on limited phantom and clinical study results. Only routine PA chest radiography and abdominal radiography for average adults and pediatric abdominal, chest, skull radiography were studied, excluding pediatric patients under 1 month old. (FDA cleared - K172229, K182183) In practice, the values of dose reduction may vary accordingly. These clinical images calculate the dose reduction rate from its own standard dose at the clinical site, unlike our FDA claim which compares dose between new IPE and old IPE. The clinical site is responsible for determining whether the particular radiographic imaging needs are not impacted by such x-ray dose reduction.

** Case 1 image was taken with GM85. / Case 2,3 images were taken with GC85A.

*** These are clinical dose reduction cases and rates may vary by the exposure condition of hospitals.



To support your diagnosis, S-Enhance improves the clarity of foreign bodies (e.g. tube, line and/or needle) in images of chest, abdomen, and L-spine. With a single on-screen click, the companion image is created without additional settings or x-ray exposure, streamlining the workflow.

* Optional feature requiring additional purchase



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.

* Optional feature requiring additional purchase



Without additional setting or exposure, Bone Suppression Imaging improves the clarity of soft tissues by suppressing the appearance of bones in chest images, which improves your ability to detect nodules. You can easily create the companion image with just a click on the screen.

* Optional feature requiring additional purchase



* These images were taken with GC85A.



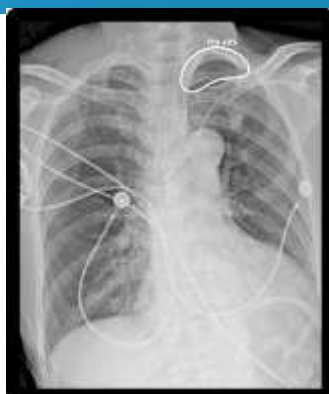
On-Device CAD*

Samsung's new On-Device CAD solution with VUNO Med®-Chest X-ray™ assists you to diagnose more efficiently and accurately by automatically detecting the 5 most common thoracic findings in emergency care.

* Optional feature requiring additional purchase

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**Nodule/Mass · Consolidation · Interstitial Opacity
Pleural Effusion · Pneumothorax**



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