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## For more information

For more information about Samsung GM85, visit [www.samsung.com/healthcare](http://www.samsung.com/healthcare)

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PREMIUM  
MOBILE  
DIGITAL  
RADIOGRAPHY

# COMPACT & POWERFUL



## GREAT TO MOVE GM85

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**SAMSUNG**

**EXPERIENCE**  
A New Healthcare  
Solution

**SAMSUNG**

# ULTIMATE DRIVING EXPERIENCE

going anywhere with advanced mobility



## Ultra-Compact

Access anywhere with ultra-compact GM85 even in narrow hallways or tight spaces. Collapsible column makes navigation safe by securing a clear view while moving the system.

## Ultra-Light

Ultra-light GM85 only weighs 349 kg (769 lb) and allows upto 3 more people on elevator.

\* based on elevator with 600 kg (1323 lb) load capacity

555 mm

21.9 in

349 kg

769 lb



# INNOVATIVE ENHANCED USABILITY

to decrease user fatigue and serve more patients

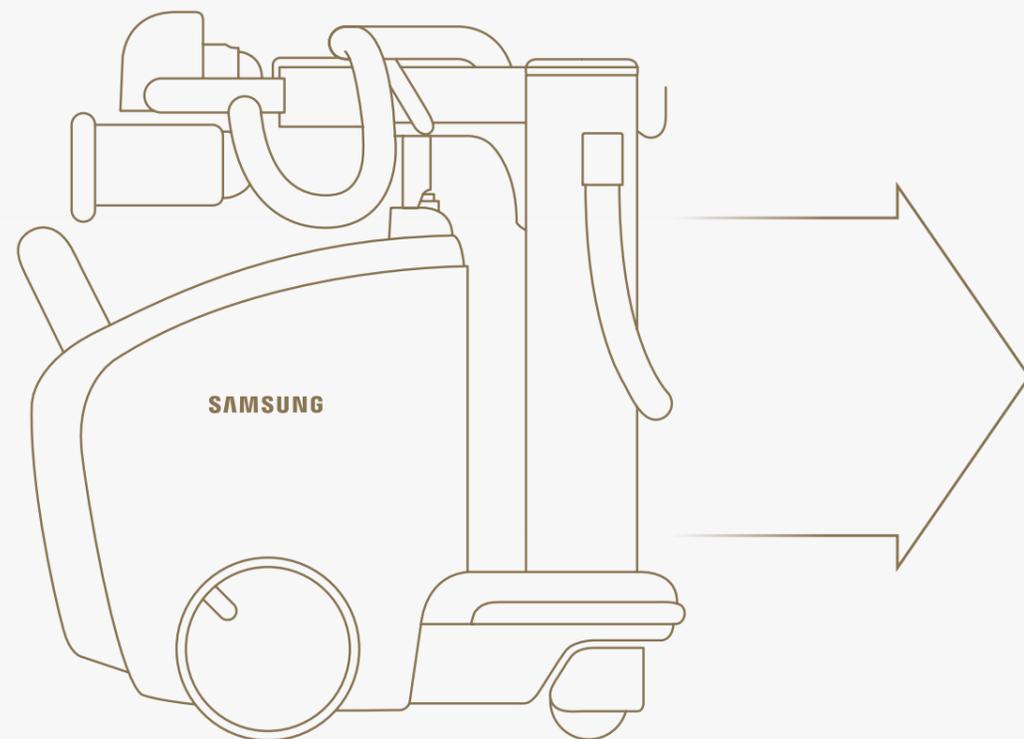
New battery technology guarantees fast charging and efficient battery management. GM85 powers up to 100 % in only 2~4 hours and long-lasting battery gives you the power to keep going for all day without additional charging.

## Time-saver Battery

\* Charging time will vary according to the capacity of the wall outlet, which will be different for each country

\* Fully charged battery supports 220 shots and 20 km (12.4 mile) of moving distance

\* Test condition : 80 kVp/400 mA/5 msec/30 sec intervals, moving in maximum velocity (5.6 km/h)



2~4 h 

Fast charging time



All Day 

All day operation without additional charging

# INNOVATIVE ENHANCED USABILITY

to decrease user fatigue and serve more patients

Experience GM85's unique innovation features such as SID Guide and S-Align, enabling users to save time and optimize workflow. Extensive long tube reach (1355 mm / 53.3 in), easy quick positioning, large storage and intuitive multi-touch features also provide superior user convenience.

## SID Guide

- According to protocols
- 3 types of SID (100/130/180 cm)
- Applied automatically

SID GUIDE

John Doe, 01  
T-20160721150342 | 1945-01-02 | Female

80 kVp	250 mA	5 mSec
	Medium	Large
0.1mm Cu	Manual	SimGrid

Procedure	Protocol
CHEST AP	CHEST AP
ABDOMEN SUPINE	
PELVIS AP	

17 X 13 inch | -30° | 30° | 0°

Suspend | End Exam | Auto Send

## SID Guide

SID Guide (Source to Image Distance) supports detailed device positioning with multiple SID settings.

## S-Align

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

30°

S-Align

# SUPERIOR IMAGE QUALITY

for advanced imaging and precise diagnoses

GM85 provides advanced patient care with diagnostic confidence through leading-edge imaging functions such as SimGrid and TLE (Tube & Line Enhancement) along with S-Vue and S-Detector.

## SimGrid

SimGrid produces superior image quality compared to images captured on systems without the use of a conventional grid through a reduction of scatter radiation effects, generating improved image contrast.

Before



Case 1. Abdomen Supine before SimGrid

After



Case 2. Abdomen Supine after SimGrid

## TLE\*

Improve clarity of tube and line in chest images with Tube & Line Enhancement feature. With a single on-screen click, the companion image is created without additional settings or x-ray exposure, streamlining the process.

\* TLE is Tube & Line Enhancement

Before



Case 1. Chest AP

After



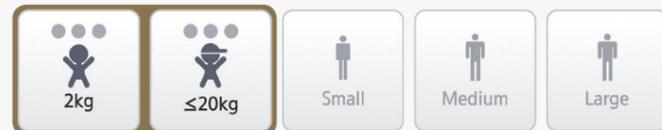
Case 2. Chest AP with TLE

# Always caring for our children

with child-friendly features and design

## Pediatric Exposure Management

Patient Size



6-stage weight dependent imaging

Optimized 6-stage weight dependent imaging enables pediatric patients to avoid unnecessary x-ray exposure using precise dose management, resulting in superior image quality. Child-friendly design stimulates pleasant imagination and provides a playful environment for both parents and children.

## S-Detector\*

Small-size wireless detector (S3025-W) optimized for child care in NICU (Neonatal Intensive Care Unit)

\* Larger size detectors (S4335-W, S4343-W) are also available



## Pediatric cover design\*\*

\*\* Pediatric cover design is optional

