

GM85 Elite

Top 5 Highlights

Customers' Most Preferred Features



03 Quick Positioning



"We loved that the GM85 had inch movers to move forward/backward and side to side."

- Customer in the US

New in Elite

04 Horn Function

2025 NEW

Safe driving



New in Elite

01 S-AEC*

RSNA 2024 Session – 61 %↓ EI dispersion, 17 % ↓ DAP in Chest imaging¹

Whitepaper – 55 %↓ EI dispersion, 44 % ↓ DAP in abdomen imaging²

02 SimGrid™*

AI

Whitepaper - 28 % reduction in total exam time³

05 Battery Performance

All day operation⁴ 10 hr. & 500 exposure & 50 km

Max exposure 1,800 shots⁵

GM85 Elite is a sub-configuration of GM85. Customers' most preferred features are based on feedback from customers, feedback at radiology conferences, etc.

* Optional feature requiring additional purchase

1) Evaluating the efficacy of new auto-exposure control (S-AEC) in portable anteroposterior chest radiography: a retrospective examination of radiation dose optimization and image quality. S4-SSPH02-3, RSNA 2024

2) White Paper - Optimizing Medical Radiation with S-AEC: Clinical Application in Abdominal Imaging. Dec, 2024

3) White Paper - Workflow Improvement with Samsung SimGrid SW. Feb. 2016

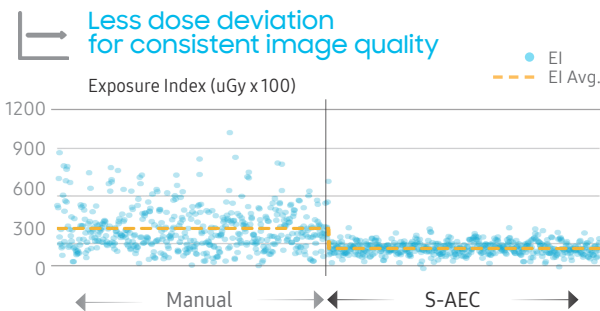
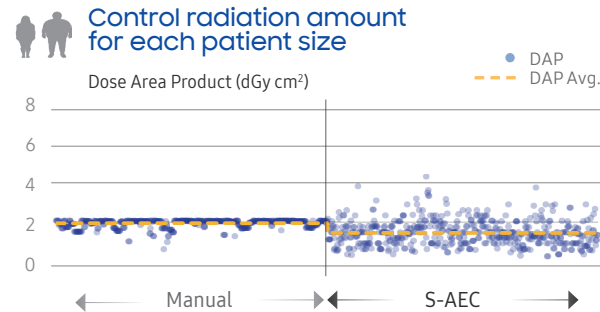
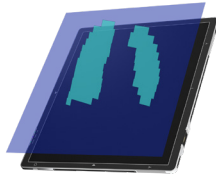
4) Test condition: Chest AP / 80 kVp / 250 mA / 5 msec / 60 sec intervals, with driving 5.6 km/h

5) Test condition: Chest AP / 80 kVp / 250 mA / 5 msec / 10 sec intervals, without driving

01
S-AEC* New in Elite

The detector built-in AEC, S-AEC enables consistent image quality in mobile imaging by precisely controlling radiation dose according to patient size. It is a truly wireless solution that requires no additional receptors or cables, and provides stable operation without concerns about detector direction, SID, or network latency.

- ✓ **No need to carry additional H/W device**
- ✓ **No need to care about chamber alignment**
- ✓ **Stable operation in wireless environments**

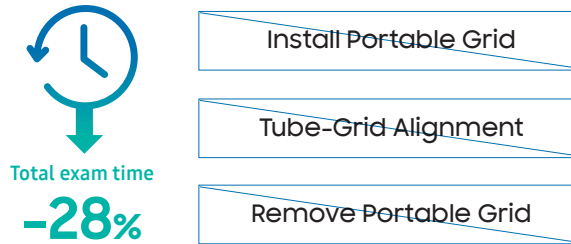


S-AEC clinical study results and images courtesy of Samsung Medical Center, South Korea

* Optional feature requiring additional purchase

02
SimGrid™* AI

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. The 3-step intensity control (Low/Medium/High) enables customized image processing.



03
Quick Positioning

Quick Positioning enables handle-free, precise body movement in tight spaces for effortless maneuverability.



04
Horn Function New in Elite

The horn function provides sound alerts to help prevent collisions and allow safe navigation. Simply pressing the collimator lamp button while driving activates the horn.



05
Battery Performance

The upgraded lithium-ion battery offers 54% longer operating time² than conventional GM85 on a single charge. Experience higher productivity and performance with GM85 Elite.

Rapid Charging ¹	All Day Operation ²	Max. Exposure ³	Sleep Mode Stand-by ⁴
Within 3~4 hours	500 exposures 50 km (31 miles) 10 hours	1,800 exposures	31 hours

1) 200 ~ 240 VAC < 3 hours, 100 ~ 127 VAC < 4 hours

2) Test condition : Chest AP / 80 kVp / 250 mA / 5 msec / 60 sec intervals, with driving at 5.6 km/h

3) Test condition : Chest AP / 80 kVp / 250 mA / 5 msec / 10 sec intervals, without driving

4) Stand-by 15 hours for LCD on, 31 hours for sleep mode, and 75 hours for power off