

SOMATOM go.Up

Best New
Radiology
Device 2017
AuntMinnie.com

Make success your daily business

go for High Performance

SOMATOM® go.Up is built on an innovative concept of mobile operation and workflow automation. GO technologies form a comprehensive set of features addressing your workflow even beyond the scan itself.

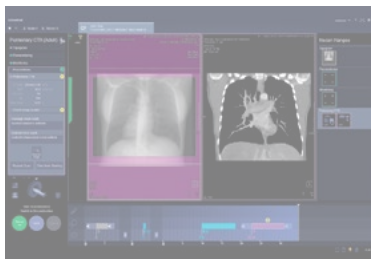
Scan&GO

- Lightweight, high-resolution tablet gives total freedom over how you work. You just need a few steps for the entire scan.
- Start checking patient information as soon as you collect the patient from the waiting room.
- Bluetooth remote control complements the tablet operation by streamlining scanning and making workflow processes more efficient.



Check&GO

- Intelligent algorithm flags problems with coverage or contrast distribution as they occur.
- Correct issues on the go, prevent subsequent errors in multiphase scans, and avoid archiving suboptimal images.



Zero-Click Reconstructions with Recon&GO

- Ready-to-read technology saves time and cuts down on workflow steps. Delivers high-quality results irrespective of the operator or clinical area, and allows users to spend more time with the patient.
- Achieve fast, standardized, and reproducible results with this automated postprocessing and reconstruction solution.

CT View&GO

- As an all-in-one, cross-specialty viewing solution, CT View&GO provides a large variety of clinical applications and tools for smooth reading in just one workflow. Thanks to a customizable user interface, you can tailor the system to your needs.
- Access all the postprocessing tools you need directly integrated in the scanner. Direct creation of CTA from perfusion data.

Stellar Detector

- The Stellar detector lowers image noise in every scan, while advanced iterative reconstruction from SAFIRE delivers excellent image quality at very low doses.* This provides excellent and homogenous image quality, even in complex areas, such as the base of the skull, making it especially relevant for routine neuro imaging.



Obese patient, abdominal imaging 130 kV, 3 mm MPR ranges, 0.7 mm
Courtesy of University of Erlangen, Erlangen, Germany

Tin Filter Technology

- Tin Filter cuts out lower energies to reduce dose and optimize image quality at the interface between soft tissue and air.
- Tin Filter technology reduces beam-hardening artifacts and improves image quality in bony structures, making it extremely useful in orthopedic examinations.



110 kV with Tin filter, 1 mm MIP
Courtesy of University of Erlangen, Erlangen, Germany

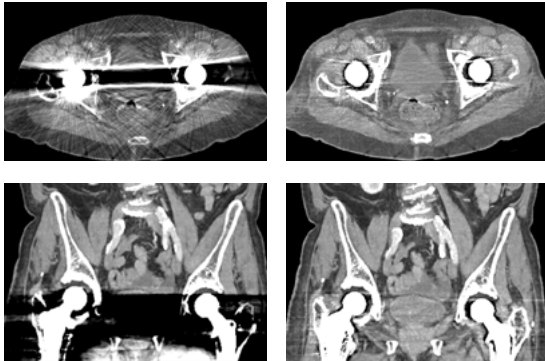
SOMATOM go.Up

Low Dose Innovation

- SAFIRE* – Model-based, raw data iterative reconstruction.
- Real-time 4D mA modulation with CARE Dose4D.
- X-CARE organ-based dose modulation.
- CARE Dashboard for easy visualization of all dose reduction features active for the exam.
- NEMA XR-29 compliant.

iMAR - Iterative Metal Artifact Reduction

- iMAR (iterative metal artifact reduction) reduces metal artifacts in a wide variety of clinical situations—with selectable settings for various types of implants.
- Can be applied retrospectively to reduce artifacts from metal implants.
- Can be used in combination with other dose-optimizing technologies such as SAFIRE and CARE Dose4D.



Bilateral hip implants without iMAR (left) and with iMAR (right)
Courtesy of University of Erlangen, Erlangen, Germany

FAST CARE Technologies

- Automated scan range selection with FAST Planning.
- Study Split pre OR post acquisition.
- FAST ROI feature automatically identifies regions of interest and calculates HU in the aorta for automatic triggering of bolus-tracking examinations.
- Bolus tracking automatically enables optimal contrast enhancement.

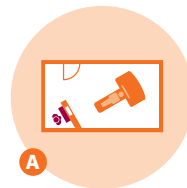
CHRONON Tube

- Chronon® tube features a highly robust design and 8.75 MHU equivalent anode heat capacity with SAFIRE; this X-ray tube is built to surpass the performance of its predecessor. By choosing tube coverage on top of the embedded service package, our customers benefit from more uptime and fewer service costs.
- kV selections: 80, 110, Sn 110, 130, Sn 130.
- High Power 80 (high mA values up to 400 mA in 80 kV imaging) allows you to scan at 80 kV for enhanced iodine contrast and lower dose.

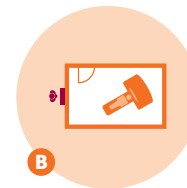


Table/Gantry

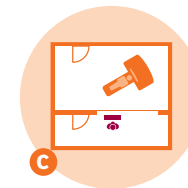
- 70-cm bore.
- HD field-of-view to visualize 65 cm.
- 500-lb table capacity standard.
- Air-cooled gantry, requires only 17,743 BTU cooling.
- Gantry integrated computers provide unique abilities to reduce the space required for CT installation.



A) Utilize the niche concept to work in the examination room.



B) Position the workstation outside the room, e.g., in the corridor.



C) Minimize the room requirements of a separate control room.

Optional Inline Reconstructions

- Inline Spine Ranges: time savings for a complete spine reconstruction, while reducing the risk of mislabeling.
- Inline Rib Ranges: automated rib labelling and numbering.
- Inline Lung CAD: assistance in the detection of pulmonary nodules during review of CT examinations.

syngo® User Interface

- Cross-modality user interface.
- Easy importing and exporting of protocols.
- Password protocol protection.
- Exportable dose tracking via dose alerts and notifications.
- Track your tasks easily.
- Teamplay; connect, compare, collaborate.

Service Support

- Customized service packages.
- Remote diagnostic capabilities.
- USA-based expert remote diagnostics.

Education and Accreditation

- Customized education packages.
- ACR accreditation offerings.
- USA-based remote education support.

**In clinical practice, the use of SAFIRE may reduce CT patient dose depending on the clinical task, patient size, anatomical location, and clinical practice. A consultation with a radiologist and a physicist should be made to determine the appropriate dose to obtain diagnostic image quality for the particular clinical task.*



Best in KLAS: SOMATOM® CT Portfolio

KLAS® 2015

“High-quality products backed by ever-improving technology and a good industry reputation are why providers choose to increase their involvement with Siemens Healthineers.”

KLAS 2017

*Since October 2012, Siemens Healthineers is the only CT vendor to maintain #1 user rankings for system reliability and system performance.**

*Rating is based on MD Buyline U.S. CT Market Intelligence Briefing Q4 2012 – Q4 2016

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**Siemens Healthineers
Headquarters**
Siemens Healthcare GmbH
Henkestr. 127
91052 Erlangen, Germany
Phone: +49 9131 84-0
siemens-healthineers.com

Local Contact Information
Siemens Medical Solutions USA, Inc.
40 Liberty Boulevard
Malvern, PA 19355-9998, USA
Phone: 1-888-826-9702
usa.siemens.com/healthineers