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Luminos Select

don't compromise, be select.

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Luminos Select is the fluoroscopy system from Siemens that provides economical access to select Luminos fluoroscopy system technologies backed by a large base of installed fluoroscopy systems delivering 99% availability.

Luminos Select offers the benefits of imaging with up to 90% less dose, the efficiency of a fully digital workflow, and proven reliability. This opens new opportunities to economically improve productivity and diagnostic quality with an investment that you can make with confidence.



don't compromise

- *image quality*
- *digital workflow*
- *reliability*

be select

- *improve productivity*
- *deliver diagnostic quality*
- *experience investment confidence*

don't compromise

image quality

From the beginning

The high-frequency generator together with the CAREMATIC automatic exposure control delivers precise reproducibility and short exposure times. With the selection of 65 kW or 80 kW you have high quality results across the full range of patients and examination types.

to the middle

At 783 kHU, the high anode heat storage capacity and low-noise air cooling of the X-ray tube prevents overheating and interruptions even when you require longer screening times or examine larger patients.

to the end.

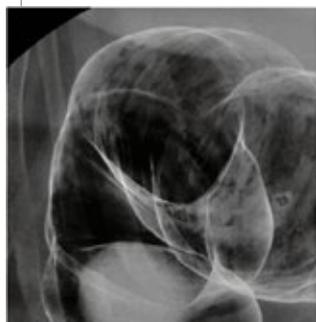
FLUOROSPOT Compact is the digital imaging solution for all Siemens fluoroscopy and radiography systems. It provides access to advanced image processing algorithms to improve image quality and reduce dose.

Reduce dose with CARE

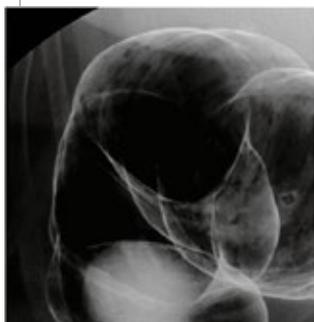
- **CAREMATIC**
Automatic calculation and optimization of exposure parameters.
- **CAREMAX***
Dose area measurement and monitoring.
- **CAREVISION***
Pulse frequencies of 15, 7.5, and 3 pulses per second for low-dose imaging in real-time.
- **FluoroLoop***
A background memory buffer for retrospective viewing and storage of fluoroscopic sequences, reducing the need for re-exposure.
- **CAREPROFILE***
Radiation free collimation is achieved using the last-image hold for orientation.

Because image quality is decisive in diagnostic quality, Luminos Select gives you access to imaging innovations from across the portfolio of Luminos fluoroscopy systems. Saving you from having to compromise where it matters most.

with DDO



without DDO



Digital Density Optimization (DDO): improves contrast harmonization and detail recognition in critical regions with high image density differences.

with Auto Window



without Auto Window



Auto Window: Provides consistent contrast and brightness settings during fluoroscopy especially in areas with highly variable density.

* Option

don't compromise

digital workflow

Luminos Select is easy to use. You will appreciate the fast and intuitive exam set-up, the digital imaging and documentation, and the conveniently placed controls that allow you to concentrate on your patient rather than your system.

Imaging system – see what's relevant

FLUOROSPOT Compact imaging system manages the entire examination from registration to documentation. There is no need to change software applications or to log on to different workstations. You have direct access to all relevant patient data and organ programs as well as image storage, review, and archiving.

Control console – at your fingertips

The compact console places all system controls with easy reach and features the touch user interface (TUI). This provides fingertip access to all imaging parameters during the examination. And as it is common to all Luminos fluoroscopy systems, you only need to learn it once.

Tablesides controls – stay with your patient

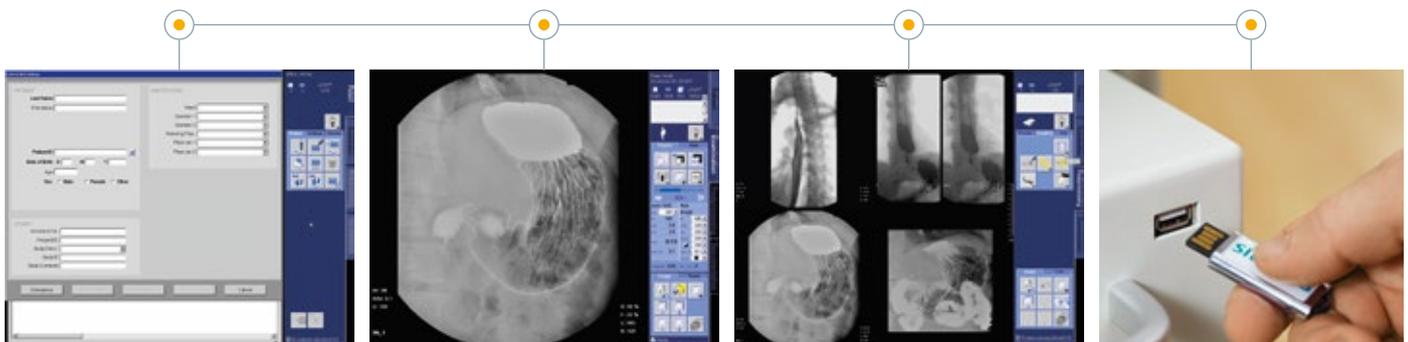
Comprehensive table side controls allow full table movement control, collimation and one button push cassette changing and while you remain with your patient.

Spot film device – on the right spot

The fully automatic spot film device detects the size and orientation of the cassette and changes the collimation to suit, while changing cassettes only requires a single button push. This supports easier, faster and more precise radiography.

Touch sensitive joysticks – stay in control

The control console joysticks are equipped with capacitive sensor technology and are only activated on skin contact. This avoids unintentional system movements, adding a new level of safety for you and your patients.



Registration:

- Patient list via DICOM Worklist
- Emergency registration with just two clicks
- Automatic organ program selection

Examination:

- Instant image display
- Last image hold
- Digital image storage
- Advanced image processing

Post-processing:

- Annotations, graphics, measurements
- Windowing, harmonization

Documentation:

- Send to archive, print, CD/DVD or USB
- DICOM or PC formats
- DICOM dose structured reporting

don't compromise

reliability

High uptime – figures tell a story

A large base of installed fluoroscopy systems worldwide are delivering an impressive 99.7% average uptime. Considering that every system needs some planned downtime for service and maintenance, this is an impressive proof of quality and reliability – for you and your patients.

Remote service – fast response

High uptime requires not only a reliable system, but also flexibility and speed in service response. Siemens' powerful remote service can detect many issues online. And should an on-site service visit be necessary, the remote diagnosis shortens repair times.

The result is faster response and higher uptime.

Expert advice – always at your side

Using the innovative Netviewer platform you have online access to Siemens applications specialists. By providing real-time image quality assessment, protocol optimization and online training, they are able to help you maximize the potential of your Luminos Fusion.

Fluoroscopy examinations deliver information that is often critical to your patient's treatment and is needed reliably and on time. This simple formula is the basis for the reliability of Siemens fluoroscopy systems, which deliver 99.7% uptime.



be select

productivity, quality, confidence

How can you make the most of your budget and deliver the results you need for your patients? Luminos Select provides a platform that can be tailored to your needs and budget while proving the security that comes with a long-term partnership with Siemens.

Improve productivity

Luminos Select adapts to almost any fluoroscopy and radiography examination – including free exposures such as standing feet, lateral projections, or patients in wheelchairs. At the same time, the digital workflow of FLUOROSPOT Compact increases throughput and reduces the cost of data management and documentation.

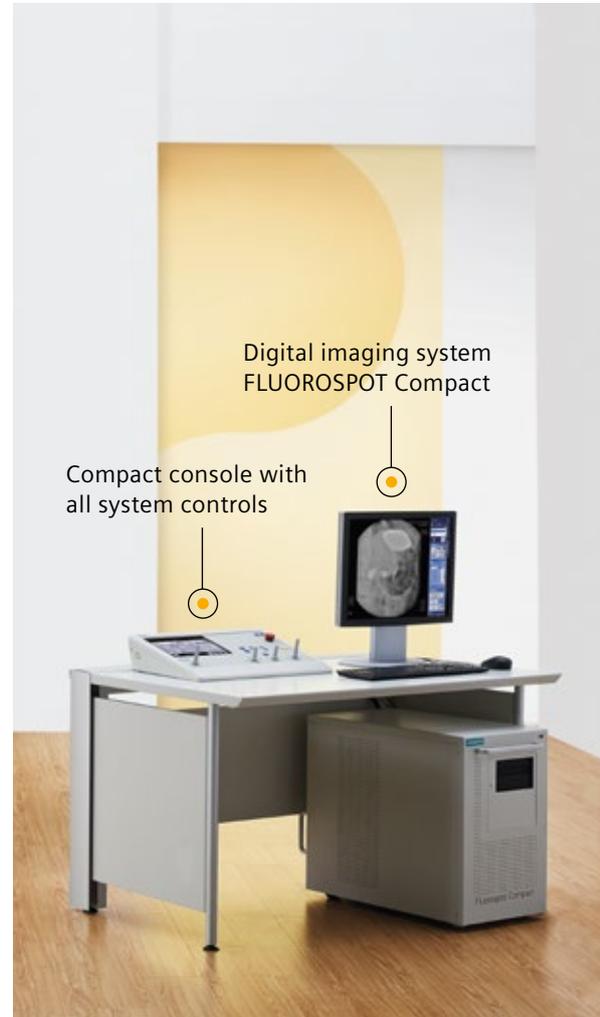
The compact table design, single space-saving generator cabinet and integrated control room panel mean smaller room space requirements, easier installation, and more flexibility in planning your department.

Deliver diagnostic quality

As it's name suggests, Luminos Select uses select technologies focused on delivering diagnostic quality. At the same time, a broad range of system options allows you to tailor a system to your requirements while saving on features that either are not required, or can be added later as needs and budgets change.

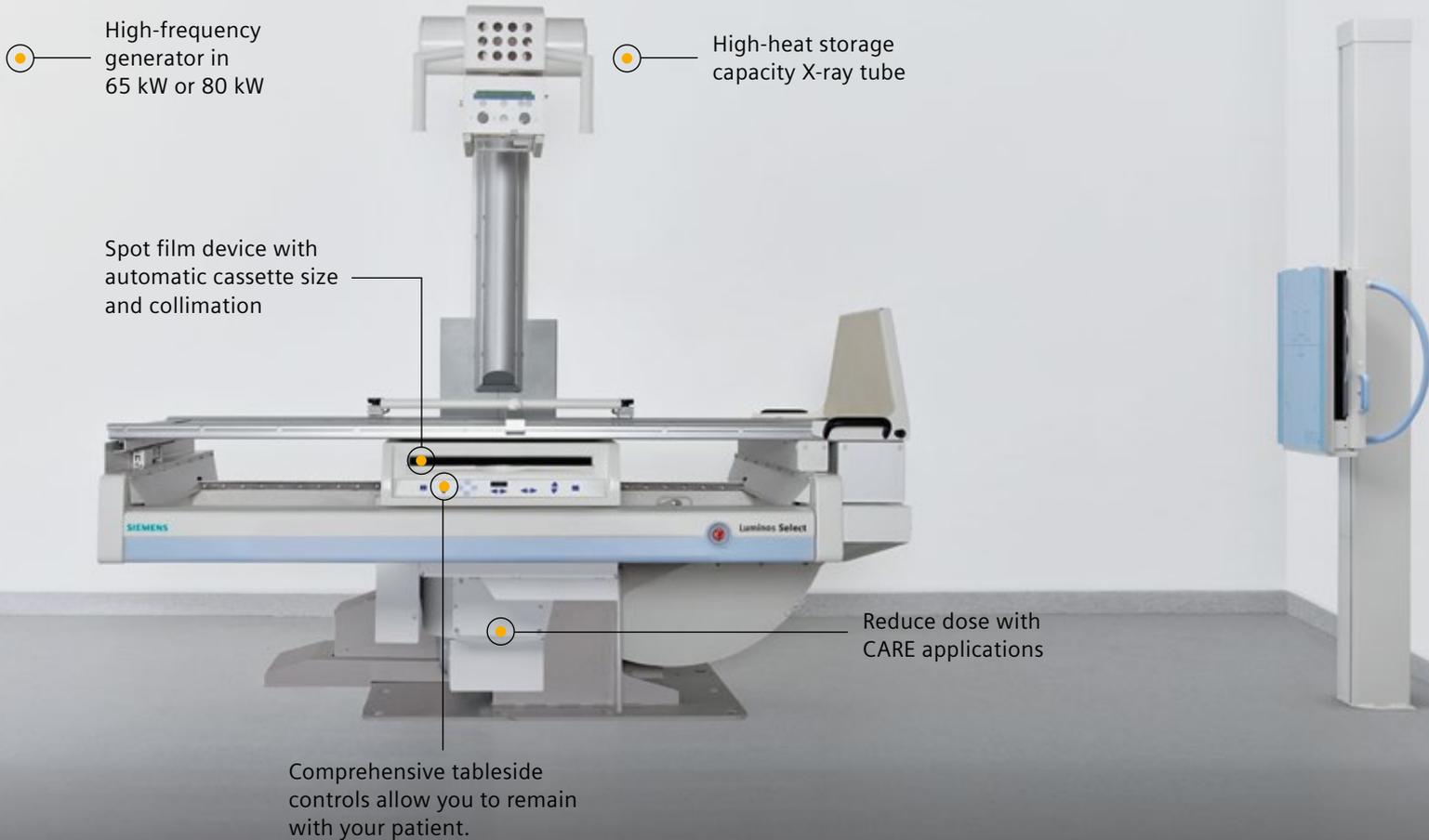
Experience investment confidence

Siemens is the market leader, with eight new fluoroscopy systems in the last five years! Luminos Select provides access to technologies and innovations from our radiography and fluoroscopy portfolio that no one else can provide. And with a large base of installed fluoroscopy systems and a worldwide support network delivering 99.7% uptime, we are able to provide a secure and valuable long-term partnership you can count on.



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The product Luminos Select is not commercially available in all countries. Due to regulatory reasons their future availability cannot be guaranteed. Please contact your local Siemens organization for further details.

The information in this document contains general descriptions of the technical options available and may not always apply in individual cases.

The required features should therefore be specified in each individual case at completion of contract. Siemens reserves the right to modify the design and specifications contained herein without prior notice. Please contact your local Siemens sales representative for the most current information.

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