Luminos RF Classic
Where value meets performance

www.siemens.com/healthcare
What’s good value in fluoroscopy?

That’s easy. Luminos RF Classic.

Whether for its handling convenience, outstanding image quality, versatility or reliability, Luminos RF Classic, the new remote-controlled fluoroscopy system from Siemens, is a solid investment. Luminos RF Classic combines quality components and proven technology to offer you excellent performance for the complete range of fluoroscopy applications. A system providing high usability to improve your workflow, diagnostic capabilities and budget planning for years to come – that’s Luminos RF Classic, an all-round great value.
An open design, convenient control functions and a workflow concept developed with users in mind – Luminos RF Classic makes a tangible difference in any practice, letting you perform fluoroscopy and radiography examinations with ease and efficiency.

**Enhanced Workflow**

**Tangible value**

Excellent all-round access
Luminos RF Classic allows excellent patient access from all sides, even from the rear, for added patient comfort and staff convenience.

Coverage in every corner
Convenient 8-way tabletop movement and a large travel range of the image receptor let you easily image a patient from head to toe – without repositioning the patient. Examinations can be conducted quickly, providing relief particularly for patients in pain.

AutoRetrac – collision-free tilting
Extraordinary: The table features an automatic anti-collision protection. The tabletop automatically retracts during table tilt, preventing contact with the floor.

Sturdy and smooth
The system’s sturdy table easily supports examinations of large patients. Designed for patient- and user-friendly operation, table positioning, including starts and stops, is remarkably smooth – and highly precise.
Excellent all-round patient access, even from the back of the table

AutoRetrac: Tabletop retracts automatically

Tabletop in safe position
Luminos RF Classic incorporates a variety of features that come in handy during the daily clinical routine – for example, an innovative remote control console.

**Smart system operation**
The newly designed remote control console of Luminos RF Classic is highly compact, intuitive and user-friendly. Clear, easy-to-understand control elements greatly simplify system operation and organ program selection.

**Power at your fingertips**
Another ergonomic plus: The integrated touch user interface of the control console lets you adjust examination parameters conveniently with a few taps of the finger. Additionally, up to 400 individual organ programs are easily created with the innovative organ program editor.

**Single-handed cassette management**
Both film-based and CR cassettes ranging from 18 cm x 24 cm to 35 cm x 43 cm are simple to insert. The cassette spotfilm device automatically loads and centers the cassette, including format sensing and automatic format collimation. Remove it at the push of a button. It’s that simple and fast.

**Serial acquisitions in 2.5 seconds**
Truly practical: The system can perform serial acquisitions of up to 4 exposures in 2.5 seconds without the need to exchange cassettes, easily supporting clinical demands for dynamic studies. Convenience also takes the form of a fully automatic cassette spotfilm device.

**Tableside controls for easy operation**
Comprehensive control elements located directly at the spotfilm device enable easy operation of all crucial system functions right by the patient’s side.

**Elements of great value**
- Excellent patient access
- Head-to-toe coverage without patient repositioning
- Anti-collision with automatic tabletop retraction
- Simple motorized cassette management
- Intuitive, user-friendly system operation
- Touch user interface for easy parameter adjustments
A real time saver:
The newly designed intuitive and user-friendly remote control console.
Excellent clinical results supporting accurate diagnoses thanks to proven high-quality components.

Source of clinical images: Agfa Healthcare NV
Luminos RF Classic also makes a visible difference, particularly in terms of its imaging and dose saving capabilities.

Quality components for accurate diagnoses
With its proven high-quality components, 1k x 1k matrix and high-contrast images, Luminos RF Classic offers you excellent support for making accurate diagnoses:

- POLYDOROS high-frequency generator for precise reproducibility and short exposure times
- Proven OPTITOP X-ray tube for output stability and excellent heat storage capacity
- High-contrast imaging with a choice of 23 or 33 cm* SIRECON image intensifier for excellent quantum absorption. A TV system with maintenance-free 1k x 1k image sensor technology featuring a high dynamic range
- 19” display providing excellent contrast, even in bright ambient light conditions

Luminos RF Classic is equipped with a variety of functions designed to keep radiation levels to a minimum, without compromising image quality:

- SUPERVISION*: 50% radiation reduction over continuous fluoroscopy for slow moving organs through integration of two image periods
- CAREMATIC: Automatic exposure technique for consistent results
- Copper prefilters for entrance dose reductions of up to 40%
- Motorized removable grid for further dose reduction, especially during pediatric examinations
- TV camera with last-image-hold (LIH) function to avoid the need for additional radiation

* Option

Visible value

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<thead>
<tr>
<th>Standard fluoroscopy</th>
<th>SUPERVISION</th>
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Cut radiation in half for slow moving organs by integrating two image periods with SUPERVISION.

Elements of great value
- High-contrast 1k x 1k imaging
- Last-image-hold function
- Image intensifier with excellent quantum absorption
- High X-ray tube output and heat storage capacity
- Reduced fluoroscopy dose of up to 50%
- Integrated Cu prefilters for reduced entrance dose
- Motorized removable grid for pediatric examinations
Reliability, excellent diagnostic imaging, simple handling and quality components, all combined with proven Siemens technology, expertise and service agreements – only some of the ways that Luminos RF Classic provides all-round great value.

**Versatility for great throughput**
Luminos RF Classic is a true workhorse. The system covers the complete range of fluoroscopy applications, including gastrointestinal examinations, venography and ERCP, along with X-ray exams like skull, skeletal exposures among others.

**Individualize your system**
With its modular design, Luminos RF Classic can be adapted to your individual preferences. The system is available in different configurations, including either a 23 cm or a 33 cm* image intensifier, a compression device* and different monitor configurations*. It can also be equipped to perform tomography* examinations.

**VERTIX Swing Bucky wall stand**
When combined with the VERTIX Swing Bucky wall stand*, Luminos RF Classic can be expanded to support the full spectrum of upright examinations such as chest, spine, legs and more. Its moving grid is suitable for both film- and CR-based exposures.

**Coming out on top**
Whether you do mostly fluoroscopy or radiography examinations, or both, Luminos RF Classic is a solid investment. With its excellent price-performance ratio, versatile applications range and maximum long-term utilization, the system can help you to quickly recoup your initial costs – thus, coming out well on top over the long run.

* Option

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**Elements of great value**
- Covers broad range of fluoroscopy examinations and radiography
- Modular design allows configuration to match individual needs
- Can be expanded to support upright examinations
- Incorporates quality components and proven Siemens technology
Projection flexibility:
Free cassette exposures, bedside examinations, supine examinations and Bucky wall stand acquisitions

With the small distance from central beam to table edge, extremity examinations are very easy to perform.
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