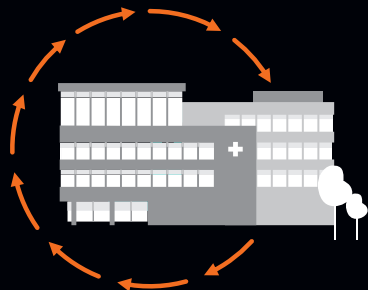LUMINOS Q.namix T

Dynamic simplicity.

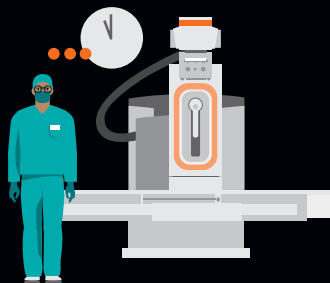**siemens-healthineers.com/luminos-qnamix-t**

SIEMENS
Healthineers

The status quo in fluoroscopy

Increasing change

System usage is changing, and you need to choose the system design that best meets your clinical and operational needs.

Underutilization

Fluoroscopy is being used less than in the past – so efficient utilization is a key aspect when you're making your next system purchase.[1]

Fragmented workflows

Complex and fragmented workflows often might have a negative impact on staff productivity.

A new era in fluoroscopy

LUMINOS Q.namix is a truly multifunctional imaging platform for fluoroscopy, radiography, and beyond. Maximum utilization and peak performance await you.

Embrace simplicity

Complex workflows and system controls prevent staff from efficiently performing tableside operations. LUMINOS Q.namix T aims to be the easiest and most intuitive system on the market – and we designed it in collaboration with actual system users to make sure it delivers.
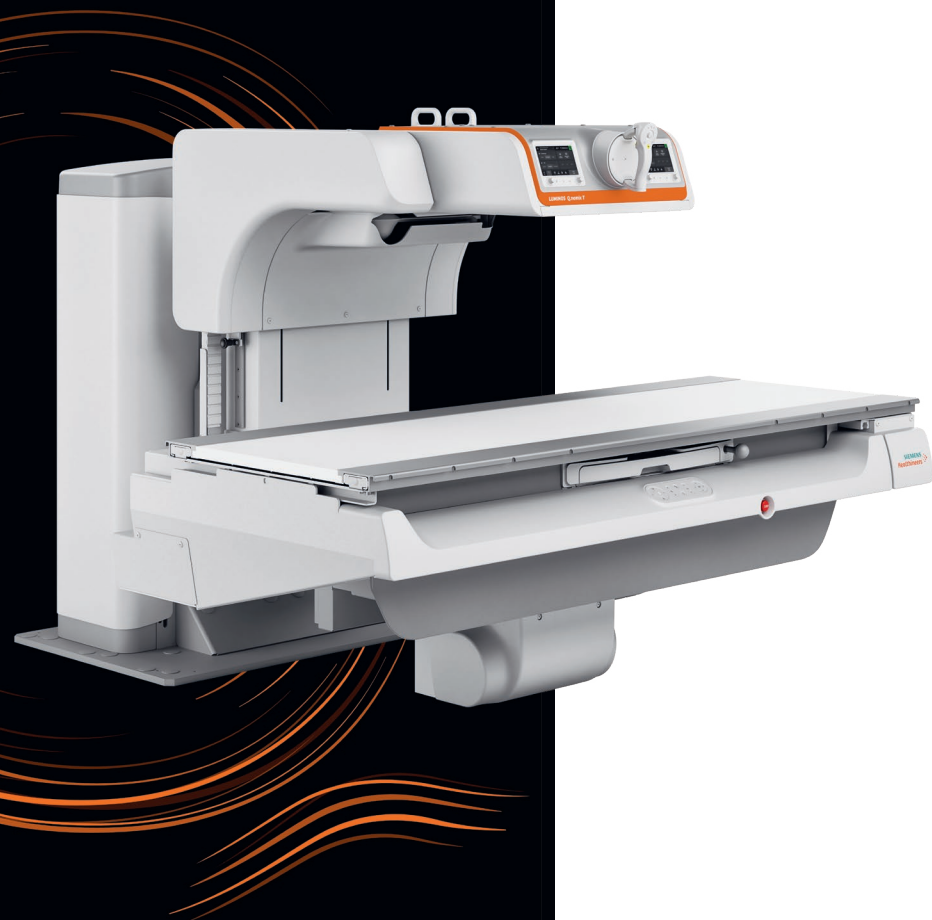
Transform day-to-day imaging processes

Thanks to a radically simplified user interface, intuitive touch controls, and built-in automation, including one-click dose level optimization.

Digital Imaging Tower (DIT)

P button for automatic DIT parking

Lock button for blocking DIT movements

Turn switch to set the zoom stage

Play button controls the table's movement

Turn switch to set the pulse rate

Touch controls

Comprehensive touch controls enable smooth system positioning, easy access to imaging controls, and uninterrupted patient care.

- Tableside adjustments for easy system positioning
- Mirrored touch user interfaces (TUI) for convenient access to primary imaging parameters
- No need to leave the patient's side during the imaging workflow

Next-generation imaging system

Enjoy easy system interaction with intuitive controls, clear allocation, and all your tasks in one place. Our next-generation imaging system seamlessly integrates into your institution's network infrastructure and is compliant with all standard DICOM functionalities.

Intelligent workflow concept

- Barcode reader license[2] for convenient in-room patient identification

- Positioning Guide[2] to support the most complex and atypical patient positioning

- Patient size adapter and age brackets for a consistent image impression with minimized dose
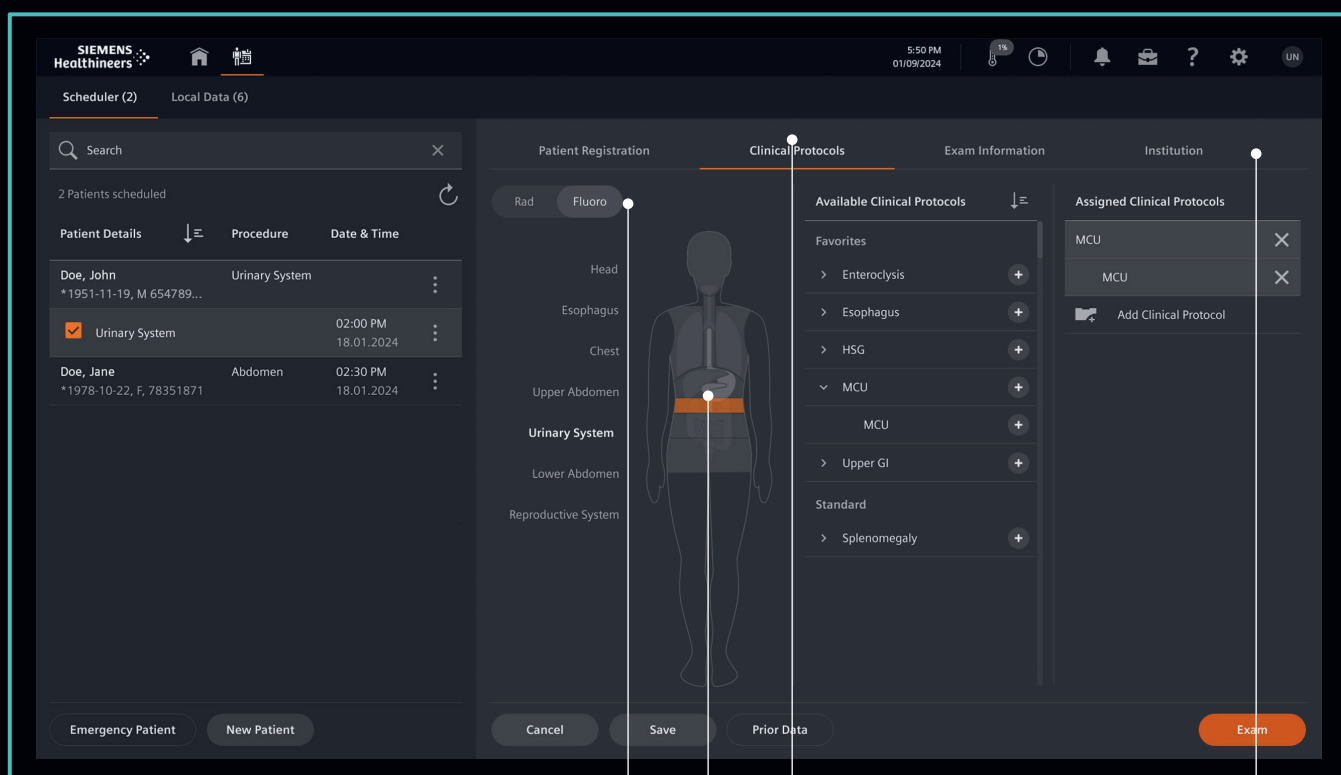
Intuitive touch user interface (TUI) with visually guided logic for smooth operations

Predefined clinical protocols (CP) for optimal dose control

Body model for quick selection of suitable CPs

Easy switching between exam types

Modification of institutional data, for instance accessing operator and patient specific information

# Simplify both routine and specialized exams

For operators of any skill level thanks to built-in holistic workflow guidance and AI support.

Broad range of clinical applications

In addition to fluoroscopy procedures, a broad range of clinical capabilities is essential for covering multiple clinical applications with fluoroscopy systems:

- Fluoroscopy
- Radiography[2]
- Orthopedic imaging[2]
- Basic angiography
- Speech pathology[2]
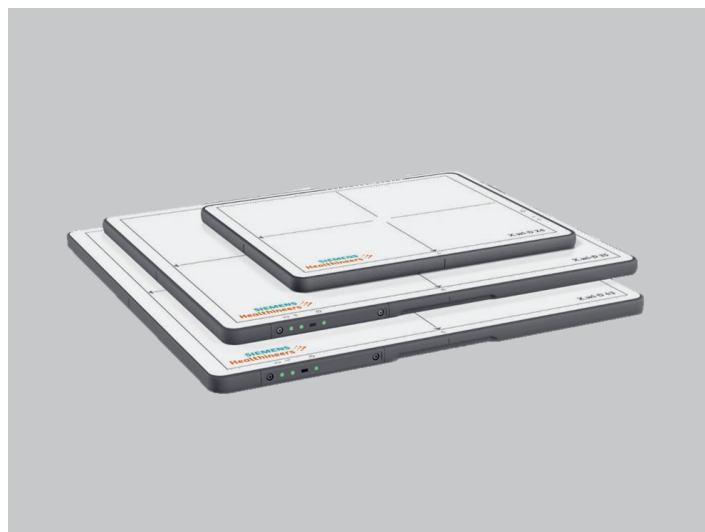
X.wi-D detectors[2]

Built without a glass panel, our new high-resolution detectors are lighter and more robust: waterproof, easy to clean[3], and easy to handle – for less operator strain.

- Sharp images thanks to state-of-the-art 99 μm pixel pitch[4]

- Lightweight regardless of size[5]

- Easy to clean thanks to IP67 fluid ingress protection rating[3]

Powered by AI

Full integration of radiography

Realize even more clinical flexibility in the examination beyond the main system with the YSIO X.pree option, our ceiling-mounted second tube.

Bucky wall stand[2]

Easy switching between wireless detectors[2,6] of various sizes. Also available with fixed detector MAX static.

myExam Companion

With its built-in knowledge, myExam Companion makes expertise accessible. The intuitive interface speaks your language to help staff at every experience level interact naturally with the system. Drawing on the new capabilities of digitalization, it turns data into built-in expertise. This helps users efficiently achieve reproducible results – by unlocking the full potential of your medical imaging devices.

- myExam 3D Camera[2]
- Virtual Collimation[2]
- Smart Virtual Ortho[2]
- Auto Thorax Collimation[2]
- Auto Long-Leg and Full-Spine Collimation[2]

myExam IQ

myExam IQ is an image enhancement technology that helps you achieve unrivaled image quality in radiography and fluoroscopy.

- **Adaptable image flavors** provide full control over image impressions based on specific clinical requirement

- **Gridless imaging** for clear, high-contrast images without system calibration or other prerequisites

- **AI-based cropping** delivers automatically cropped images regardless of acquisition type
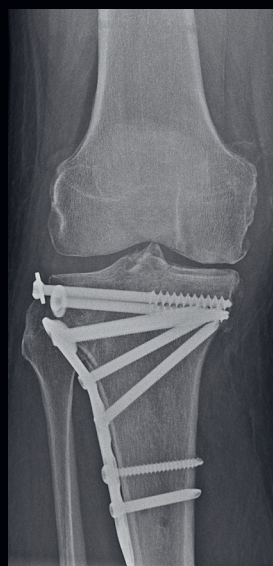
Study ID 5aaf225

Knee AP

Image acquired with YSIO X.pree, X.wi-D 43, flavor 3.3 Free examination

Clinical spectrum
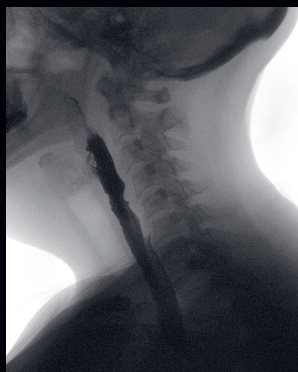
Study ID 5aae647

Upper GI swallow study

Image acquired with LUMINOS Lotus Max Courtesy of WNSWIHD Bathurst, Australia

Study ID 5aad269

Lower GI barium enema

Image acquired with Luminos Agile Max

Study ID 5aaf377

Ortho free exam, hand or wrist

Image acquired with YSIO X.pree, X.wi-D 43, free

Study ID 5aaf101

Ortho LL/FS

Image acquired with YSIO X.pree, X.wi-D 43, supine

Experience focus

Staff should be able to concentrate 100 percent on their patients' needs during exams. LUMINOS Q.namix T supports this aim by offering an imaging environment whose look, feel, and behavior totally supports an optimal patient focus.

Study ID 5aaf467

Classic RAD thorax exam

Image acquired with YSIO X.pree, X.wi-D 43, supine

Help system operators stay on track during exams

With an extremely convenient multifunctional imaging system comprised of software and hardware from a single manufacturer.

UI concept with touch monitors

Intuitive user interfaces and monitor displays are the key to providing easy access to functions and supporting efficient clinical workflows.

- Large touch monitors for access to relevant functionalities in the control and examination rooms

- Built-in split view

- 32" monitor[2] provides a reference image alongside the live scene

- Display trolley and display ceiling suspension (DCS) options available

Optimized lighting for patient positioning

Illuminating the patient area below the digital imaging tower improves visibility for system operators during procedures.

- Lighting in dimmed or dark settings helps operators keep an eye on the system's settings

- Local illumination keeps the information on the monitor visible and helps maintain the patient-centric interaction

A floor plan designed for total convenience

Short walking paths and easy access
to system controls from practically everywhere.

2.62 m / 103"

4.50 m / 177"

5.30 m / 209"

Elevate tableside imaging to a new level

Thanks to intuitive touch controls on both sides of the DIT for easy access to all imaging parameters, the OptiGrip for even better ergonomics, and automatic parking of the DIT.

Fluoroscopy table

The fluoroscopy table is at the core of tableside operations. Its functionalities are vital for facilitating safe and efficient patient transfers, ensuring comfortable positioning, and accommodating a diverse range of patient needs.

- ± 90° tilting[2] ensures an easy and flexible patient transfer from standing to lying position and vice versa

- Adjustable height of 65 to 112 cm / 26 to 44″ for easy patient positioning and transfer

- Table load of up to 305 kg / 672 lbs[7] accommodates obese patients

Automatic DIT parking

Fast, easy, and safe parking of the DIT by pressing the parking button just once. Convenient parking and unparking of the dynamic X.fluoro detector allows seamless switching between fluoroscopy and radiography exams.

All-new OptiGrip

Ergonomic usability and a streamlined control layout for smooth patient-centric operations. The ambidextrous OptiGrip unites all essential control elements for you to intuitively use while focusing on the examination.

Table tilting
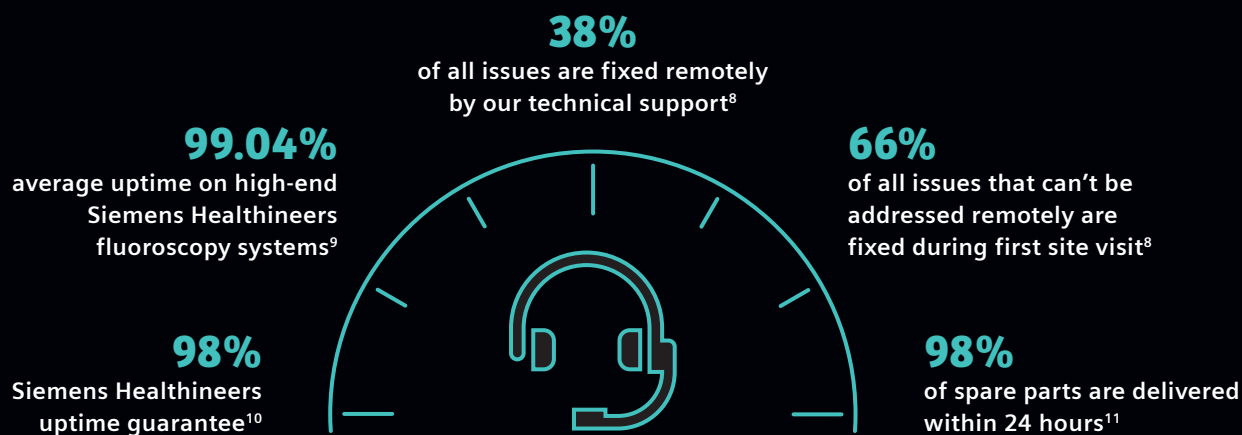-50°/+90°
or -90°/+90°[2]

Tabletop mode operated via joystick

Thumb joystick for table/collimation control

Radiation trigger to engage fluoroscopy

Collimation mode operated via joystick

LUMINOS Q.namix T

Anytime remote support for LUMINOS Q.namix T

38%
of all issues are fixed remotely by our technical support[8]

99.04%
average uptime on high-end Siemens Healthineers fluoroscopy systems[9]

66%
of all issues that can't be addressed remotely are fixed during first site visit[8]

98%
Siemens Healthineers uptime guarantee[10]

98%
of spare parts are delivered within 24 hours[11]

Overview

Imaging workflow

- New imaging system with intuitive workflow concept and user navigation
- Choice of touch monitors (24″ or 32″[2]) for control room and examination room as a display ceiling suspension (DCS)[2] or trolley[2] solution

Touch user interface (TUI)

Bilateral TUI screens for tableside system control and easy access to all imaging parameters

Digital imaging tower (DIT)

- Dynamic X.fluoro detector 43x43 cm (17″x17″)
- OptiGrip enables ergonomic and patient-focused tableside operations for all users
- Automatic DIT parking with just one press of a button
- DIT illumination to improve tableside operations

Fluoroscopic table

- Clean, seamless design and flat tabletop
- Streamlined tableside control elements
- Travel range from 65 cm (26″) to 112 cm (44″)
- Bucky tray configurable with X.wi-D 35/43[2] or MAX wi-D[2]
- Table tilting -50°/+90°; -90°/+90°[2]
- Table load up to 305 kg (672 lbs)[7]

myExam IQ

- Imaging concept for producing excellent and consistent images
- Optimization of gridless images

Enhanced clinical spectrum

Speech pathology[2]

YSIO X.pree option

Ceiling-mounted second tube with myExam 3D Camera[2] and 10.4" TUI for radiography examinations

Bucky wall stand (BWS)[2]

- Travel range from 31.5 cm (12.4") to 175 cm (68.9")
- Available in tilting (90°/-20°) and non-tilting versions
- Configurable with X.wi-D 35/43[2], MAX wi-D[2], or MAX static[2]

myExam Collimate

- Enabled by myExam 3D Camera[2]
- Virtual Collimation[2]
- Smart Virtual Ortho[2]
- Auto Thorax, Auto Long-Leg, and Full-Spine Collimation[2]

Wireless radiography detectors

- New generation of X.wi-D detectors[2]
- Choice of MAX detectors[2]
- Sharing concept for eligible systems and imaging software

The product/feature and/or service offerings mentioned herein are not commercially available in all countries and/or for all modalities. Their future availability cannot be guaranteed.

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[1] *Shalom NE, Gong GX, Auster M. "Fluoroscopy: An essential diagnostic modality in the age of high-resolution cross-sectional imaging." World J Radiol. 2020;12(10):213-230. doi:10.4329/wjr.v12.i10.213*

[2] *Optional*

[3] *Valid with battery removed*

[4] *Down to a spatial resolution of 5.06 lp/mm. Based on a user survey with the leading radiologist at the University Hospital in Augsburg, Germany. Individual experiences may vary.*

[5] *24 cm x 30 cm / 10"x 12", 35 cm x 43 cm / 14"x17", 43 cm x 43 cm / 17" x 17"*

[6] *Not applicable to small detectors X.wi-D 24 and MAX mini*

[7] *Maximum table load calculated includes table accessories*

[8] *Data on file*

[9] *Based on LUMINOS Lotus Max, Luminos dRF Max, Luminos Agile Max; data on file*

[10] *Requires service contract Performance Plan TOP including Smart Remote Services*

[11] *Siemens Healthineers Logistics cockpit*