

Ysio Max

The most direct way to the image

siemens-healthineers.com/ysio-max



Member
of the
MAX
family



SIEMENS
Healthineers

Increase the return on investment for your radiography system

Every clinical institution has to offer radiography, because it's still the most commonly used imaging procedure worldwide. Reimbursements, however, are usually low. That's why radiography facilities are facing the challenge of how they can increase their return on investment.

The growing population is putting enormous pressure on healthcare systems around the globe. As a result, many have responded with significant cuts in reimbursement.



The challenge of staying economical

More than 25 percent of all European institutions are operating with significant reimbursement cuts.¹



Streamline your workflows with Ysio Max

From MRI and CT to ultrasound and fluoroscopy, there are many different imaging technologies available for diagnostics. Nonetheless, radiography remains essential. Low reimbursements, however, make it difficult for radiographic facilities to stay economical. How can you further streamline workflow and increase revenue?

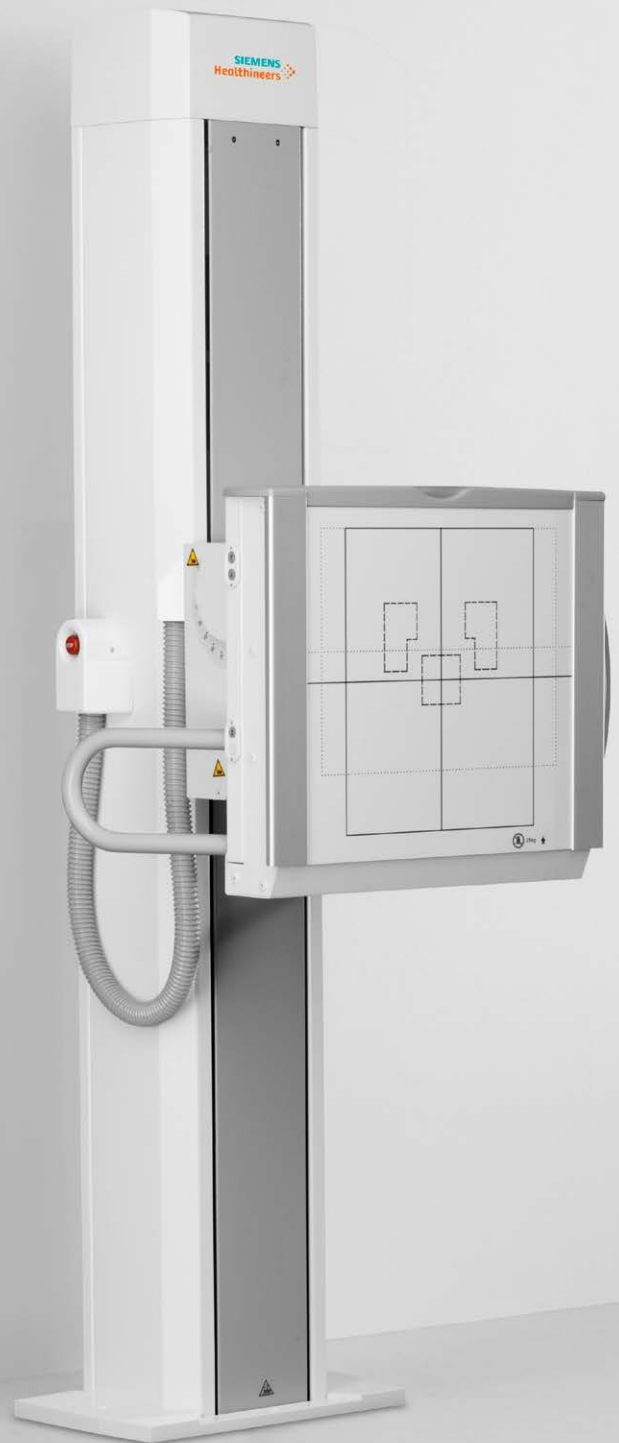
Ysio Max offers unique automation that makes sense: for example, direct system auto-positioning, responding only to the touch of a human hand, and automatic detector identification. Thus it helps speed up examinations, increase precision and safety, and introduce a high level of standardization. The radiography system also delivers consistent, high-quality images of all patients. What's more, Ysio Max is a modular system. You can tailor it to exactly match your clinical requirements and invest only in the components you need. Streamline your workflow and increase your revenue with Ysio Max.

Discover Ysio Max

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Ysio Max at a glance

The technology of Ysio Max brings you excellent image quality and improves your workflow.



Unique automation

Ysio Max offers unique automation for fast and safe system positioning. So your staff can streamline and speed up workflows – and focus on the patient.

Reproducible results

Every patient is different and requires individual settings. Ysio Max standardizes workflows and outcomes to obtain consistently high image quality for all patients.

Scalable to your needs

Your patient mix defines your clinical needs. Ysio Max is a modular system that can be tailored to precisely meet your requirements.



The MAX effect

Is Ysio Max your first MAX system? If so, then it's your door-opener to the MAX effect. If you already own a MAX system, you can now enjoy the MAX effect of enhanced standardization, savings, and satisfaction. And the MAX effect will grow with every MAX system you add.

Keep your IT secure

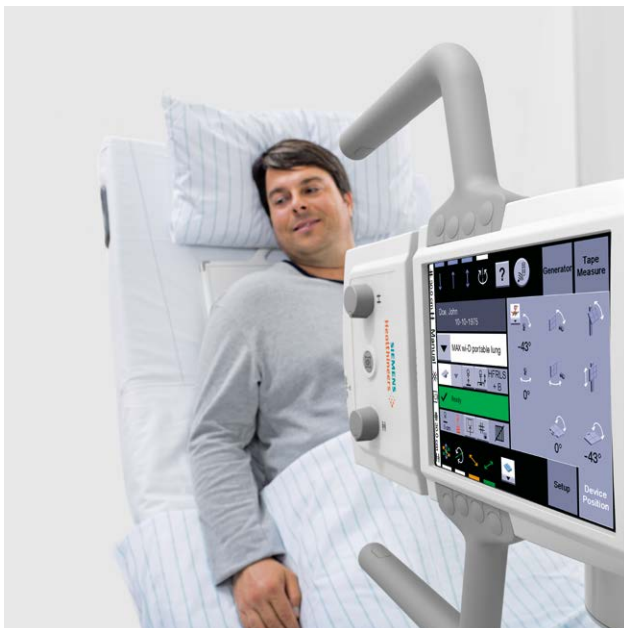
In modern healthcare, digitalization supports patient-centered care, from chronic disease to population health management. Being connected, however, can also bring risks like data theft and cyberattacks. Ysio Max comes with a high level of cybersecurity to support you in safeguarding your IT and sensitive patient data.

Personalize when it matters

Children have different imaging needs than adult patients. From a very low table height and dedicated low-dose organ programs to special positioning aids, Ysio Max provides all you need to image children safely and efficiently.

Unique automation – fast, simple, safe workflows

Manual system operation is time-consuming and increases the probability of mistakes and inconsistencies. Get fast and safe examinations with Ysio Max's unique automation – independent of complexity and team composition.




















Accuracy with the first shot

Tube positioning in a free examination no longer requires guesswork: Both the detector and tube angles are displayed directly at the tube with MAXalign.¹

Smart operation lets your staff stay with patients

Patients may feel uncomfortable when left alone. With Ysio Max, your staff can stay with them: They can control the system in the examination room and adjust all key parameters at the patient's side.

				
	MAX static	MAX wi-D	MAX wi-D	MAX mini
		 	 	 
Serial number		133908	390813	132701
				
				
				
Wall stand				
Table				
Free				

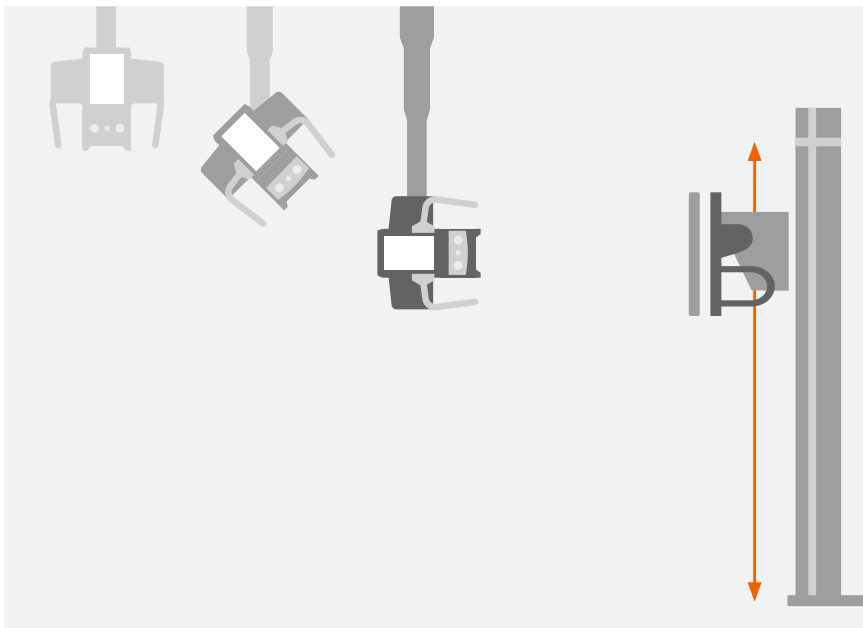
Overview of available MAX detectors logged to Ysio Max.

Faster and safer examinations

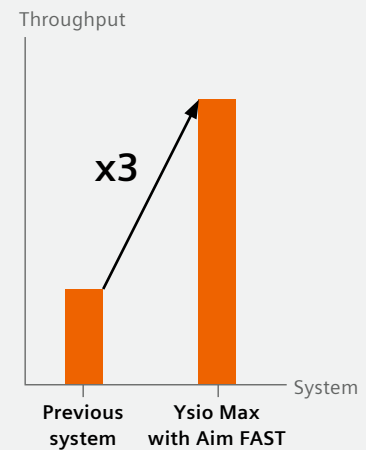
Is your team using multiple detectors? Manually double-checking which detector is in place is time-consuming and can lead to confusion. Be sure with the Ysio Max automatic safeguard that shows you if the right detector is in the right place. Safety is enhanced even more because no exposure is possible without a detector in the tray.

“Our workflow has improved by a factor of three, and throughput has also increased. Quick diagnostics for the patient, higher throughput, better workflows, and ease of use for radiographic technologists are benefits that all imaging department managers can appreciate.”³

Zaans Medical Center, Zaandam, The Netherlands



Workflow improvement with Ysio Max



Visualization of the above statement

Unique automation speeds up workflows

Ysio Max offers unique auto-positioning: The system always takes the fastest and safest path to the correct position. The tube also automatically aligns with the table and bucky wall stand – all at the touch of a button. In addition, the system control features a unique safety mechanism: It only responds to the touch of a human hand.

High-speed automation with Aim FAST²

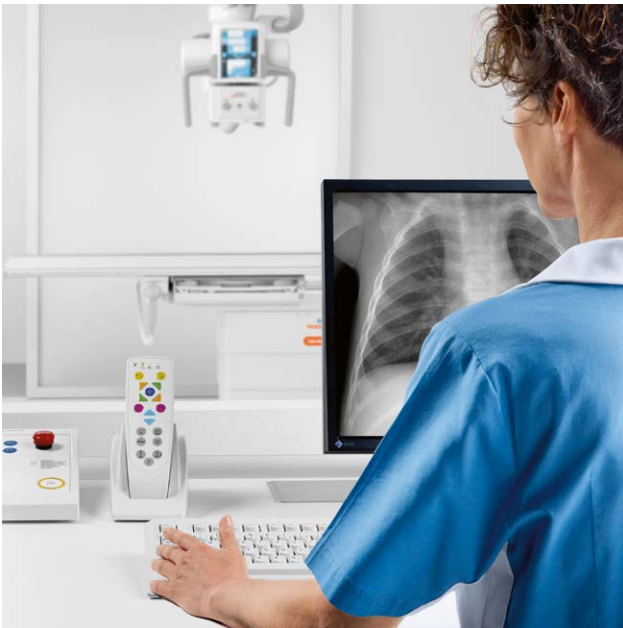
- Auto-positioning with up to 1,000 positions
- Simultaneous movement in six axes
- High-performance drives

² Option

³ The statements by customers of Siemens Healthineers described herein are based on results that were achieved in the customer's unique setting. Because there is no "typical" hospital and many variables exist (e.g., hospital size, case mix, level of IT adoption), there can be no guarantee that other customers will achieve the same results.

MAX image quality – consistent for all patients and staff

Whether you're imaging a small child or a tall adult: You need consistent, high-quality images in order to make confident diagnoses, regardless of who's operating the system. Ysio Max delivers superior image quality for all patients – and always in your image flavor.



Benefit from excellent image quality

Ysio Max allows users to predefine exposure and postprocessing parameters, collimation, and system positions in dedicated organ programs. You can also choose from a variety of image flavors to adapt to your needs – all independent of patient type and the experience levels of your staff.

Learn one user interface for all MAX systems

Support your staff with an imaging fleet that shares the same user interface. Our integrated image system, *syngo FLC*, is part of all MAX systems. Benefit from a fully digital, seamless workflow, from patient registration to image documentation – with the same user interface and faster and easier training.



Pediatric package: Focus on your smallest patients

Children have a much greater sensitivity to radiation than adults. Our automated system supports fast and correct pediatric imaging with a dedicated pediatric package. High image quality can be achieved even at low dose, thanks to dedicated organ programs. And pediatric accessories allow easy positioning, reducing movements during examinations.

Benefit from advanced post-processing

DiamondView MAX delivers exceptionally sharp images even in gridless imaging during free examinations with **enhanced contrast, a high level of detail visibility, and optimized noise reduction** – at **low dose** for all adult and pediatric patients.

DiamondView MAX: more anatomical detail with bone and soft tissue enhancement and outstanding contrast



Without DiamondView MAX



With DiamondView MAX

Postprocessed with organ-optimized DiamondView MAX



Corticalis and bone marrow are assessable.



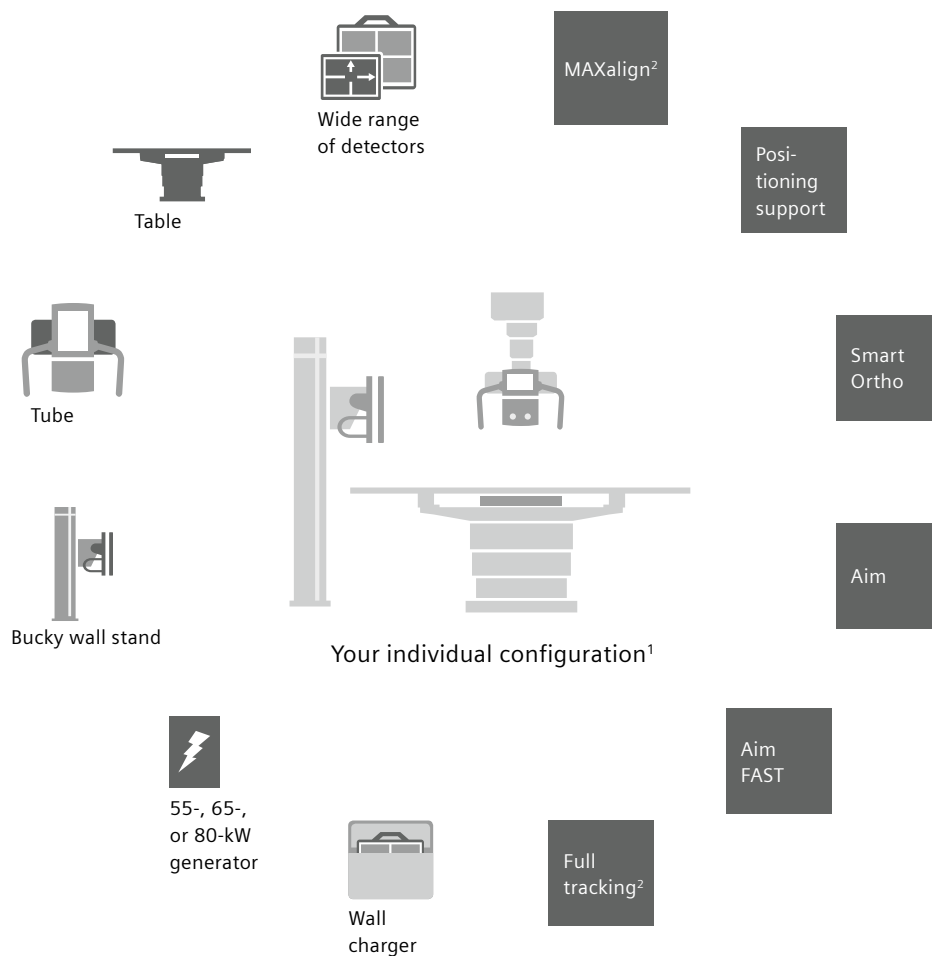
Pulmonary vessels, heart, and the bronchial tubes are assessable.



Pulmonary vessels, heart, and the bronchial tubes are assessable.

Customizable system – more than 60 configurations

Why pay more? Get only what you actually need! Ysio Max is a wise investment: You can tailor the system to exactly meet your clinical requirements.



More than 60 configuration options

With Ysio Max, you only pay for what you need. Simply tailor the modular system to precisely meet your patient and case mix. Of course, you can always add more components in the future if your requirements change.

¹ Option

² MAXalign und Full tracking are included as a standard in the Ysio Max system with no additional costs.

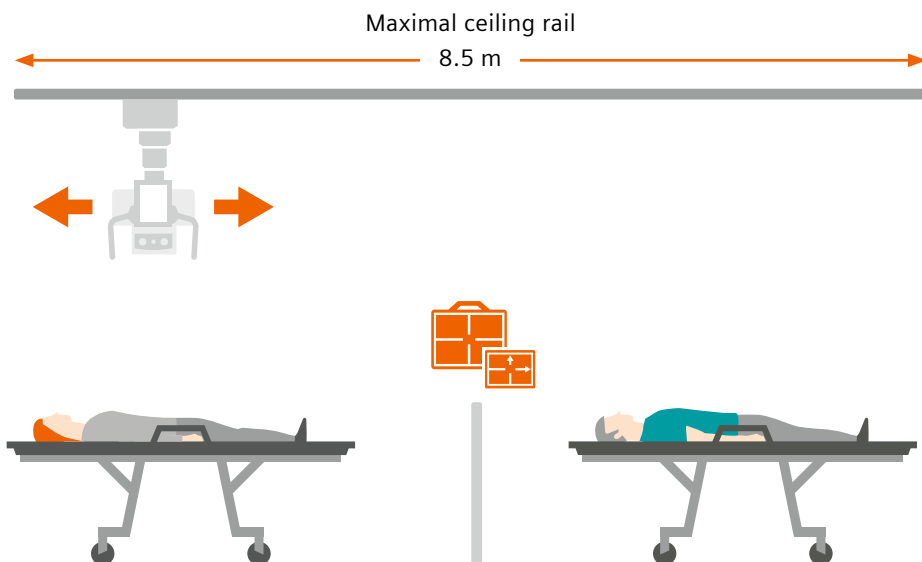


Increase synergy effects with detector swapping

Detectors are high-value tools. Our wireless detectors are available in two different sizes and can save on investment costs and increase system utilization.

Both MAX wi-D¹ and MAX mini¹ can be swapped between our multiple MAX systems and safely and easily positioned for free examinations, even displaying the angulations thanks to MAXalign.

Trauma solution



Adapt Ysio Max to your room

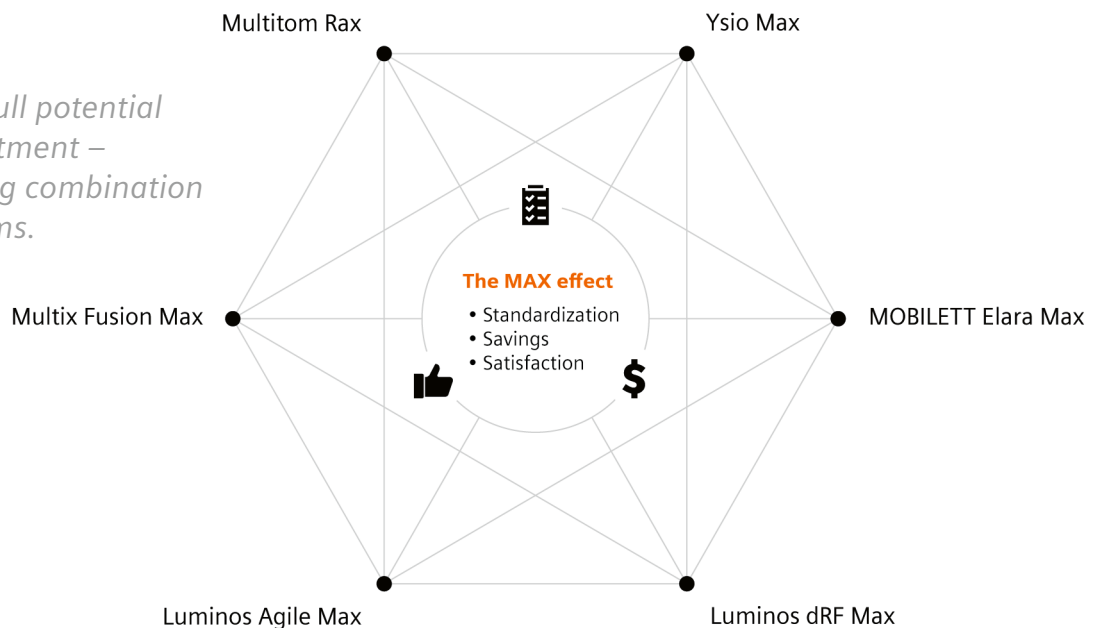
You can easily adapt the radiography system to fit your room and clinical requirements. Ysio Max can even fit in a small room but can still cover up to 8.5 m trauma bays. The tube automatically moves into the correct position at the push of a button.

The MAX effect – where gains multiply

Whether healthcare providers have to cope with tighter budgets or want to expand their business: They are forced to do more with less. What if there's a smart way to run a radiology department more efficiently?

Take a look at our high-performance MAX systems. They all share the same usability concept and imaging technology over the broadest range of clinical applications on the market. And if you combine two or more MAX systems, you'll experience the MAX effect: unique standardization across your fleet, so you can save both time and costs and ultimately boost your level of satisfaction.

*Multiply the full potential
of your department –
with a winning combination
of MAX systems.*



Gain standardization

Achieve the same high-quality results throughout sites, rooms, and personnel – always. One MAX platform allows you to standardize workflows and image impressions the way you want. That means faster working and fewer mistakes. Resulting in better outcomes at lower costs.

Gain savings

Discover the smart way to save with the MAX effect: Save investment costs thanks to detector swapping, reduce the number of rooms required with More-in-1 MAX systems, and keep staff training to a minimum thanks to one usability.

Gain satisfaction

Increase satisfaction of all stakeholders through offering more patient comfort and lower dose, less stress and more confidence for staff, fast results, and high diagnostic accuracy at lower costs. For consistent high-quality care and enhanced reputation.

More-in-1 system



Multitom Rax
Twin Robotic X-ray



Ysio Max
High-performance radiography



Multix Fusion Max
High-efficiency radiography



MOBILETT Elara Max
High-end digital mobile X-ray imaging

More-in-1 system



Luminos Agile Max
2-in-1 patient-side fluoroscopy

More-in-1 system



Luminos dRF Max
2-in-1 remote fluoroscopy

See anatomical details with high image quality

To make fast and confident diagnostic decisions, you need high and reproducible image quality. Ysio Max offers high-end imaging, automated workflows, and advanced postprocessing technologies.



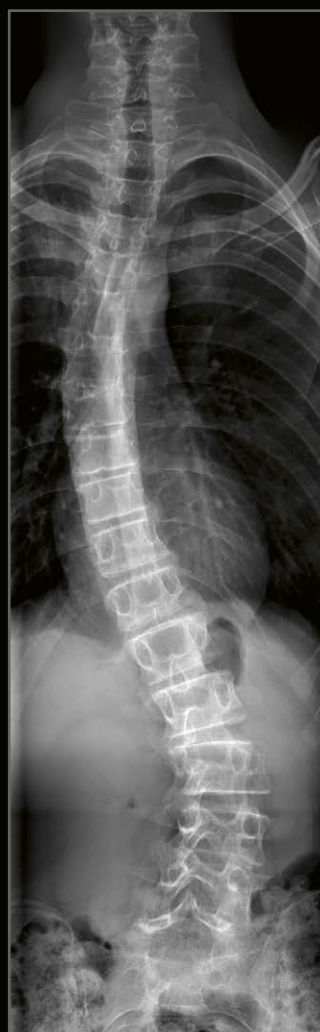
Acquired in standing position:¹ four single images automatically composed to one to show long bones. Individual image parameters in every shot for a homogenous image impression and optimal dose.



Lateral view. Details of bone structure and parts of the soft tissue are assessable.



Patella sunrise view. The gap between patella and the femur condyles are assessable.



Pediatric patient with a scoliosis, a.p. view. Two single images automatically composed to one.¹



Pediatric patient, lateral view. Two single images automatically composed to one.¹

Service and exchange

Increasing value by partnering throughout the entire equipment lifecycle.

Equipment Maintenance & Monitoring

Reliably servicing your Ysio Max allows you to identify deviations from current norms to maximize equipment availability.

Education Management

Personalized education and training improve your staff's expertise as well as your equipment efficiency.

Fleet Management

A transparent overview of your fleet allows you to manage the performance and maintenance of your Siemens Healthineers equipment, 24/7.

Accessory Solutions

Products from our partner companies complement your use of our equipment in your daily workflow.

Performance Management

An intelligible overview of your radiography performance data helps you make prompt and well-informed decisions.

Asset Management & Planning

Access to innovative medical technology and equipment throughout the entire contract lifetime allows you to maximize focus on patient care.

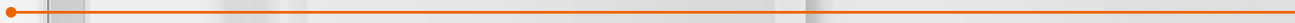
Business Modelling & Financing

Customized business and financial models address your budgetary and enterprise needs, enabling you to remain more competitive.

Departmental Layout Optimization

3D visualization and digital twin analysis create more efficient workflows and a more enjoyable working environment.

Continually adding value and caring for your equipment, your staff, your fleet, your workflows, your department, and your entire institution.



Technical specifications

Bucky wall stand¹

- Vertical travel range: up to 145 cm
- Low central beam height: 27 cm
- Tilting: +90°/-20°
- Automatic tube tracking

Ceiling-mounted tube

Large color touchscreen for complete control at the patient's side

MAXalign¹

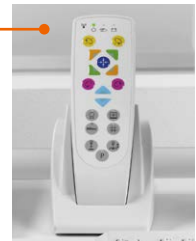
Automatic display of detector angle for both MAX wi-D and MAX mini to reduce repeat exposures

Table¹

- Adjustable height: from 52 to 95 cm
- High weight capacity: 300 kg
- Flexible and comfortable patient positioning
- Automatic tube height tracking, longitudinally and when tilting

Safe system control¹

Reacts only to the touch of a human hand



MAX wi-D detector¹

- Wireless
- Size: 35 cm x 43 cm
- Weight: 3.3 kg
- Thickness: 19 mm

MAX mini detector¹

- Wireless
- Size: 24 cm x 30 cm
- Weight: 1.6 kg
- Thickness: 16 mm







Why Siemens Healthineers?

At Siemens Healthineers, our purpose is to enable healthcare providers to increase value by empowering them on their journey toward expanding precision medicine, transforming care delivery, and improving patient experience, all made possible by digitalizing healthcare.

An estimated 5 million patients globally benefit every day from our innovative technologies and services in the areas of diagnostic and therapeutic imaging, laboratory diagnostics, and molecular medicine, as well as digital health and enterprise services.

We are a leading medical technology company with over 120 years of experience and 18,500 patents globally. With more than 50,000 dedicated colleagues in more than 75 countries, we will continue to innovate and shape the future of healthcare.

Ysio Max is not commercially available in all countries. Due to regulatory reasons its future availability cannot be guaranteed. Please contact your local Siemens Healthineers organization for further details.

On account of certain regional limitations of sales rights and service availability, we cannot guarantee that all products/services/features included in this brochure are available through the Siemens Healthineers sales organization worldwide. Availability and packaging may vary by country and are subject to change without prior notice.

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

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In the interest of complying with legal requirements concerning the environmental compatibility of our products (protection of natural resources and waste conservation), we may recycle certain components where legally permissible. For recycled components we use the same extensive quality assurance measures as for factory-new components.

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