



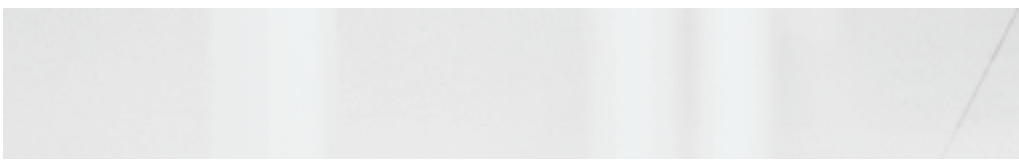
AXIOM Iconos R100
Overtable fluoroscopy system
for universal applications

SIEMENS
medical

Overtable fluoroscopy system

for universal applications

AXIOM Iconos R100



Unchain your workflow

Image Quality

Strong components for brilliant images –
optimum image quality allows for faster,
accurate diagnoses

Ease of Use

Ergonomic and comfortable –
with intuitive operating concepts for increased
efficiency

Connectivity

Optimal integration
integration of high-tech components

Care

Reduced radiation dose –
with virtually no compromise in image quality

The four main pillars of the total AXIOM R100
concept are: outstanding image quality,
easy handling, maximum radiation protection
and optimal connectivity, all with a single
goal in mind: to optimize your workflow.

AXIOM Iconos R100



AXIOM Iconos R100 offers you an impressive array of options for fluoroscopy: images of uncompromising quality at the lowest possible dose, outstanding ergonomics, universal application, and the optimal integration of all components. Thanks to its modular design, you can tailor our universal overtable fluoroscopy system to fit your budget and customize it to meet the needs of your own department. It is the Siemens concept for improved efficiency and optimized workflow and the solution to the increasing demands and rising costs in healthcare. The result: you can concentrate on what really matters – the patient.





Strong components for brilliant images – optimum image quality allows for accurate diagnoses

Our primary goal is to provide you with images of outstanding quality. It is this exceptionally high standard of quality – extending to every single system component – that places AXIOM Iconos R100 in a class by itself and allows you to make even better, more accurate diagnoses.

Multi-format spotfilm device – perfect imaging for diverse formats

AXIOM Iconos R100 comes equipped with an innovative multi-format spotfilm device for cassettes ranging in size from 18 cm x 24 cm to 35 cm x 43 cm – the ideal configuration for film-based exposures and CR cassettes.

Series acquisition can be performed up to a maximum of 4 exposures in 2 seconds.

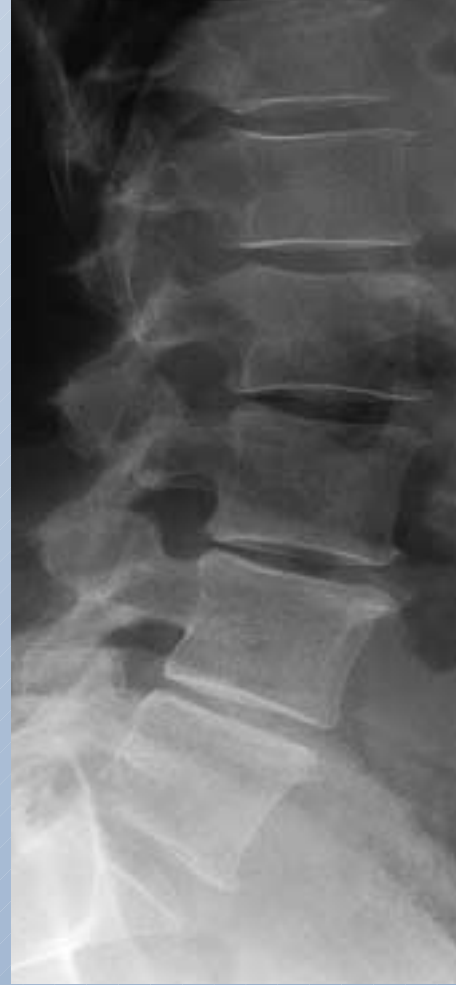
More brilliant images – a detailed look at our components:

- **OPTILUX HDR:** image intensifier with higher quantum absorption for high-contrast image display
- **VIDEOMED DIC:** TV system with maintenance-free, non-obsolescent CCD technology and low-noise, high-contrast image display on the monitor
- **POLYDOROS LX 50 or SX 65/80:** powerful high-frequency generators with the CAREMATIC programmed exposure technique for consistently good radiographic results
- **OPTILIX and OPTITOP X-ray tube assemblies** with durable high dose output and heat dissipation



With the CAREMATIC automatic exposure technique and organ programming, optimal exposure results are achieved quickly and easily.

Imaging components of the highest technical quality (e.g., image intensifiers, CCD TV camera, monitors) ensure an accurate diagnosis.



Images of uncompromising quality are a prerequisite for making diagnoses over a wide range of applications.



Ergonomic and comfortable – with intuitive operating concepts for increased efficiency

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AXIOM Iconos R100 makes your examination routines more comfortable – for you and your patients. Our intuitive operating concept meets every need: easy handling and reduced exam times result in improved patient comfort and an optimal workflow – simple, ergonomic, quick.

Easy-to-use system functions – for close work with patients

The easy-to-read control console, directly on the spotfilm device, provides you with access to all crucial functions. We have also simplified cassette insertion: format sensing, loading, centering, and measurement are all fully automated. And, the press of a button is all it takes to remove the cassette.

Intuitive operation – thanks to an ergonomically designed remote control console

The ergonomically designed remote control console (with display) allows for intuitive operation. System movements are controlled automatically, letting you concentrate fully on the examination itself.

Patient comfort from all sides – without repositioning

AXIOM Iconos R100 provides patient access from all sides – even from the back of the system. The extensive travel range of the spotfilm device, together with the longitudinal and transverse movement of the flat tabletop, provides a true head-to-toe examination area. There's no need to reposition the patient on the table-top – a great advantage when examining immobile patients and those in pain. AXIOM Iconos R100 is also well suited for tabletop, bed-side and Bucky wall stand exposures.

Flexible system configurations – for more examinations

AXIOM Iconos R100 fulfills all the requirements of your daily exam spectrum: gastro-intestinal examinations, venography, skull and skeletal exposures, ERCP's, etc. The system is configured to meet your requirements, tailored to your individual needs. AXIOM Iconos R100 offers you long-term maximum system utilization.



Longitudinal and transverse movement of the tabletop, as well as longitudinal travel of the spotfilm device, allows for a complete patient examination without the need for repositioning.

The small distance between the receptor and end of the tabletop means that examinations of the extremities as well as gynecological and urological exams can be performed with ease.

90° and 180° tube rotation enables bed-side and Bucky wall stand exposures.



Optimal – integration of high-tech- components

We do not compromise when it comes to quality. That is why there are only Siemens components in AXIOM Iconos R100: every single component is “made by Siemens,” optimally integrated with the other components and perfectly integrated into the complete system.

We can monitor your system remotely by means of a modem connection – technology that increases system reliability, facilitates service, and keeps costs down.

You can come to us for all of your service needs – for long-term system operation at the highest level of quality.

Reduced radiation dose – with virtually no compromise in image quality

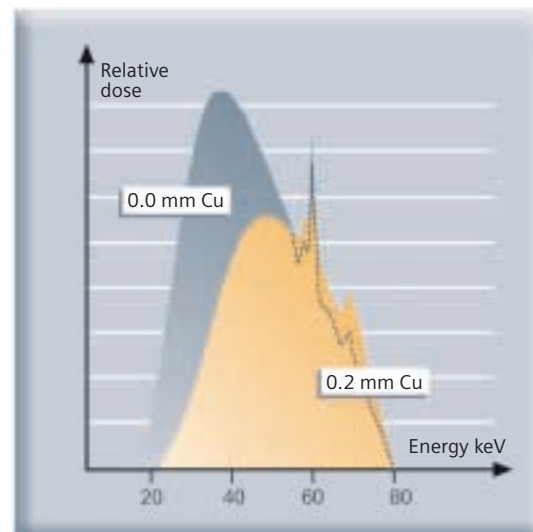
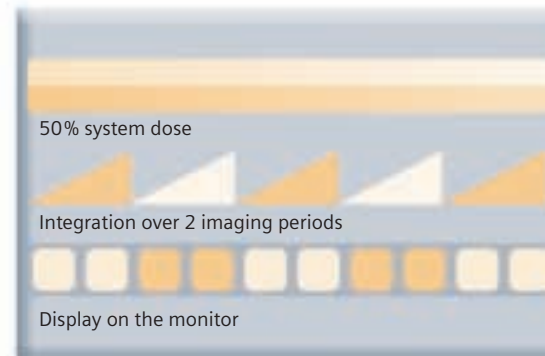
We set the standard for radiation protection for both patient and physician – by combining the lowest possible dose with outstanding image quality. The highly transparent tabletop, ultra-efficient image intensifiers, and integrated filters are only a few of the measures aimed at reducing dose. AXIOM Iconos R100 offers an additional reduction in dose while still maintaining diagnostic accuracy with SUPERVISION* TV-pulsed fluoro.

Detection Quantum Efficiency (DQE) – the measurement criterion for optimum radiation protection

The higher the DQE value of the image intensifier, the lower the entrance dose for your patient. By converting X-rays into light, we are able to achieve an extraordinarily high DQE value of 65%.

Removable grid – best possible protection during pediatric applications

AXIOM Iconos R100 has a removable grid – for especially low dose values during pediatric applications.



*Option

SUPERVISION –

dose reductions of 50%

You can cut the normal fluoroscopy dose in half with SUPERVISION, our optional TV-pulsed fluoro technique and still maintain consistently high image quality.

**Copper prefiltration –
40% more radiation
protection**

By using additional Cu prefilters, you can reduce the entrance dose an additional 40%.

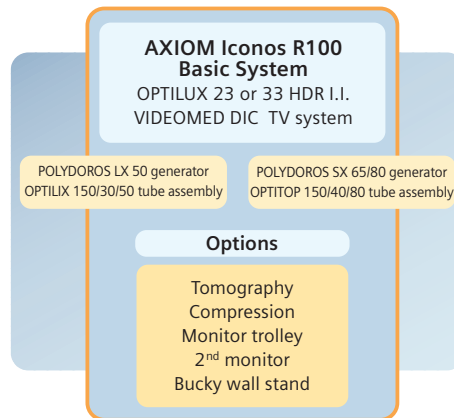


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Unchain your workflow – AXIOM Iconos R100

Outstanding image quality, easy handling, the best possible radiation protection, and a perfect integration of system components are the four factors AXIOM Iconos R100 combines to optimize your workflow. But to maximize the efficiency of your overtable fluoroscopy system, we have gone one step further. Thanks to its modular design, you can tailor the AXIOM Iconos R100 to optimally meet your individual needs. According to your own clinical requirements, you select from our spectrum of various image intensifiers, generators, and X-ray tube assemblies. With additional components, you can customize your system with optional features – even after the initial purchase of the system. You alone determine the configuration of your overtable fluoro system.



AXIOM Iconos R100 is a multi-functional fluoro system with a wide range of applications. The results speak for themselves – exceptional system utility and optimized workflow in the fluoro room. AXIOM Iconos R100 is our solution to providing you with the highest level of cost-effectiveness in your clinic and private practice

Some of the functions described are optional or belong to various system configuration packages. For more detailed information regarding respective delivery volumes and extra options, refer to the AXIOM Iconos R100 datasheet.

More information?

Visit us on the Internet:

SiemensMedical.com/axiom



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