AXIOM Iconos R200

Designed for universal applications

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AXIOM Iconos R200

The flexible remote-controlled fluoroscopy system

The AXIOM Iconos R200 optimizes your workflow in the fluoroscopy suite. As a highly flexible R/F solution for universal applications, this remote-controlled overtable fluoroscopy system is an ideal choice for hospitals as well as private practices. One that seamlessly integrates itself into the hospital network and clinical environment. As such, the AXIOM Iconos R200 can greatly enhance the efficiency of your R/F examinations – and thus the quality of your patient care.
DDO (Digital Density Optimization) improves image contrast for critical regions by further enhancing detail recognition.

Excellent digital image quality provides more detail information during examinations, even with exposures of skeletal structures and the spinal column.
Image quality is the most important factor for accurate diagnoses. With its advanced functionalities, the AXIOM Iconos R200 offers you excellent support for your decision-making.

**Optimized parameters from the start**
Tailored organ programs provide optimized image quality. Select the parameters for your specific examination with one simple mouse click.

**Consistent image quality with SDM**
With selective dominant measurement (SDM), each object is optimally exposed, whether it is at the center of the image or not.

**Superb detail resolution**
Fine details are clearly visible thanks to the high-resolution TV camera with its true 1k² matrix and the FLUOROSPOT Compact high-resolution digital imaging system.

**More information for critical regions: DDO**
This organ-programmable post-processing function enhances contrast in critical imaging regions to offer even greater detail recognition.

* Option

Optional DSA functionalities and software such as re-mask, pixel-shift, landmark and roadmapping allow you to further expand your examinations range.
Our CARE program comprises various radiation protection functions that, when combined, can reduce dose by as much as 99% 1).

100% radiation

+ CAREVISION

+ CAREFILTER

+ CAREPROFILE

+ CAREPOSITION

Potential dose reductions of up to 99%

CAREFILTER – copper prefilters that reduce body entrance dose by filtering out low energy radiation not relevant to the image.

1) Data on file. Results may vary.
Our comprehensive radiation reduction program CARE is designed to keep radiation exposure levels for patients and users as low as possible without compromising the quality of the image.

**CAREFILTER:**
automatic copper prefiltration
Reduction of the patient entrance dose through automatic selection of copper prefilters.

**CAREMATIC:**
automatic exposure parameter optimization
Automatic exposure parameter control during fluoroscopy based on fluoro data, body region and examination.

**CAREWATCH:**
continuous dose monitoring
Real-time updates of all relevant dose information and selected copper prefiltration on the imaging system’s display monitor.

**CAREVISION**:
pulsed fluoroscopy
Freely selecting between pulse rates of 3, 7.5 or 15 pulses per second is an especially effective way to reach lower dose levels for time-intensive examinations and for fast moving objects and organs.

**CAREPROFILE**: radiation-free adjustment of semitransparent wedge filters*
CAREPROFILE enables radiation-free collimator and semitransparent wedge filter adjustment using the last image hold (LIH) as a reference.

**CAREPOSITION**: radiation-free patient positioning
Also using the LIH, CAREPOSITION allows radiation-free patient positioning – quickly and precisely.

**Fluoro Loop**: Dose saving diagnosis e.g. for pediatrics by using stored fluoroscopy sequence instead of serial acquisition.

* Option
Ease of use in fluoroscopy systems means fast, flexible operation and ergonomic design. The result: enhanced workflow for increased examination efficiency.

**Ease of use from the start**
With the push of a single button, the tabletop and image receptor move into the ideal patient transfer position.

**All-around patient access**
The open table design offers great patient access, even from the back, for convenient patient positioning or transfer from a stretcher.

**Head-to-toe coverage**
With the combined movements of the 8-way tabletop and image receptor, patient repositioning is virtually unnecessary, providing great patient coverage.

**Easy cassette operation**
The automatic spotfilm device* makes cassette operation easier than ever with automatic sensing and fast cassette positioning.

* Option

**Remote and tablesde control**
Conveniently control all important system functions – either from the remote control console, directly at the patient with the comprehensive tablesde controls, or with an optional mobile control console.

**Fully digital workflow**
Even digital lateral projections can be simply acquired. The image intensifier displays virtually immediately the result for an enhanced workflow.
Unrestricted patient access enables faster, more comfortable examinations.
Intuitive and smooth workflow

AXIOM Iconos R200 forms a seamless fit with existing IT landscapes, greatly facilitating the overall workflow.

Clear, intuitive user interfaces
Workflow is made easy with the user-friendly FLUOROSPOT Compact digital imaging system, enabling acquisitions up to 8 fps.
Quickly and conveniently register patients right at the system or get patient data via an HIS/RIS system.
Easy-to-understand menus and dialog-driven functions virtually guide you through the examination and include comprehensive post-processing functionalities.

Optimum management of patient data
Thanks to its compliance with DICOM standards, the AXIOM Iconos R200 greatly smooths the clinical workflow for seamless integration into the clinical information system.
Send data directly to a workstation, an archive, a networked hard-copy camera, or simply create your own CD.

Prior to the examination:
- Automatic patient data transfer via RIS*
- Optimized access to the patient, even from the back of the system
- Convenient patient positioning and easy system settings
- Fast examination start at the click of a button via the organ programs

Optimized connectivity with the FLUOROSPOT Compact imaging system

CD drive
DICOM Worklist/MPPS*
DICOM Query Retrieve*

DICOM Send/StC/Print
CD burner*
SVHS video output*
Connection to
- DICOM laser camera
- Paper printer*
Remote diagnosis
Security package*
During the examination:
- Ergonomic system operation, remote or tablesie
- Wide range of applications, including interventions
- Easy cassette change with fully automated spotfilm device

Diagnosis:
- Easy-to-use imaging system with virtually instant images allows for fast and accurate diagnosis
- Comprehensive post-processing functionalities right at the imaging system
- Expanded diagnostic options for special applications via the syngo MultiModality workstation

Reporting:
- Fast, examination-specific hard copy* documentation
- Faster transfer of diagnostic findings via DICOM 3 standard to the workstation or archive
- Space-saving and secure archiving* on CD with fast access

* Option
Features such as parallax correction for angulated projections keep the object of interest centered in the field of view. When the system is tilted upright or the tomography mode* is selected, object centering is automatically maintained, reducing radiation and facilitating workflow.

Cassette exposures with a VERTIX Bucky wall stand* either performed with the system tube or a 3D-TOP ceiling-mounted tube support.*

With Peristepping*, evaluation of vascular flow from the pelvis to the feet can be analyzed using only one contrast medium injection and one acquisition program – while the patient remains stationary.
Individualizing your system

Make the most of your fluoroscopy suite and customize the AXIOM Iconos R200 based on your individual preferences. Its digital capabilities and the wide range of system options make it an efficient and future-proof investment.

Modular design options
Available in three table variations, two large image intensifiers and two different generator powers, the AXIOM Iconos R200 can be customized for your individual requirements.

Designed for universal applications
Applications options range from general RIF procedures to special examinations such as myelography, venography and angiography, including DSA* and Peristepping*.
Scan technique for long image acquisition* for leg and spine as well as tomography* bring the radiographic functionality to the next level. Special accessories and system settings for pediatric applications are also available.

Multitasking with syngo MultiModality workplace
Combined with the syngo MultiModality workplace*, the AXIOM Iconos R200 further extends your diagnostic options with a variety of image reconstruction packages – and your workflow optimization capabilities. While reviewing exam results at the workplace, for example, the system can already be used for the next patient.

* Option
Increase your skills, technology and productivity

Life is the unique customer care solution from Siemens that helps you get the most from your investment.

Life. The continuous development of your ...

... skills:
On-site applications training. CD and Web-based e-learning tools to optimize your know-how to use the full potential of your system.

... productivity:
Siemens comprehensive portfolio of customized performance plans and variable shared service agreements for every type of service support as well as the Guardian Program™ for high system availability keep your equipment running at peak performance day in and day out.

... technology:
Keep your system state-of-the-art and expand your applications range with new functionalities for more versatility in use.

For more information about Life, go to: www.siemens.com/life
AXIOM Iconos R200

Modular remote-controlled fluoroscopy system designed for universal applications

Imaging excellence
- Superb detail recognition
- Contrast enhancement in critical regions
- Optimized dose reduction

Enhanced workflow
- Ergonomic design
- Intuitive user interfaces
- Optimum data management

Investment confidence
- Modular system design
- Broad applications range
- Life customer care program

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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 recycle certain components.

Using the same extensive quality assurance measures as for factory-new components, we guarantee the quality of these recycled components.

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