Carestream

DRX-Revolution Mobile X-Ray System

Quality. Precision. Efficiency.

Innovations That Matter

SMART IMAGING SOLUTIONS

A New Generation of Mobile X-Ray, Designed by You.

We designed the CARESTREAM DRX-Revolution Mobile X-ray System by listening to technologists and understanding their needs. Its development quickly set the benchmark for mobile imaging excellence and helped elevate mobile imaging performance in healthcare facilities across the globe. While other brands are now focused on replicating our system, we continue to focus on your feedback to further enhance the system.

Our dedication to continual innovation has led to a system that is better in the ways you need – increased ease-of-use, improved workflow and better image quality. The tube head is smaller, lighter and better balanced for easy positioning. We re-engineered the brakes and drive motors for quieter operation and less disruption in patient rooms. We even added functional LED lighting to make it easier to track system status. Recent enhancements optimize the DRX-Revolution for efficiency and ease of use in every clinical scenario.

A New Round of Innovation Important New Enhancements for the System.

Align Assist: The system now provides real-time angle information on the tube head to ensure accurate beam and detector alignment.

Inching Drive: Drive controls on the tubehead enable quick cart repositioning.

Smart Noise Cancellation[1]: AI and deep-learning technology reduce noise and deliver dramatically clearer images at a low dose.

A New Level of Mobile Imaging Excellence.

Your world changes constantly. Financial pressures, staffing shortages, patient volume surges and other challenges make every day unique. Carestream works hard to make sure you can stay ahead of the change and meet every challenge. That's why we continue to improve the features – big and small – of the original "X-ray Room on Wheels."

Unmatched Features. Designed by You.

Remote Exposure Switch
Convenient exposure capture from a distance

Inching Drive
Quick, precise positioning

Align Assist
Accurate beam and detector alignment

Small Lightweight Tube
Agile tube with rotational detents simplifies positioning

Dual Collimator Controls
Access controls from any position

Tubehead Touchscreen
Secondary work zone – essential actions at your fingertips

Large Primary Display
Easily review and manipulate images

Smart Noise Cancellation
AI-driven image quality

Imageview Software
Smooth and simplified user experience

Functional Lighting
View system status from any position

Ergonomic Cord Reel
Elevated for back-saving comfort

HDMI Output
Effortless external display mirroring

Smooth Drive
Nimble, easy to maneuver

In-Bin Charging
Ensures detector is always charged and ready

Extensive Detector and Supply Storage
Everything you need within reach

Spare Detector Battery Charger
Ensures uninterrupted operation

Bumper Brake
Automatic safety stop

Powerful 32KW Generator

Evolving to Anticipate Your Needs.

- **1D Barcode Reader**
  An integrated barcode reader in the handle enables efficient requisition scanning, swiftly opening the patient's exam without manual selection.

- **2D Barcode Reader**
  A safety mechanism ensures the correct patient is imaged by scanning their wristbands to verify their ID.

- **Integrated Detector Holder**
  Acting as a second pair of hands, it holds the detector for cleaning, detector bagging and battery changes, safeguarding against accidental drops or damage.

- **Windows 10**
  This proven data security feature safeguards patient health information.

- **HDMI Output**
  By allowing mirroring to an external monitor, the HDMI Output improves visualization, collaboration and decision-making in the OR without compromising the sterile field.

- **HIS/RIS Access**
  Direct HIS/RIS Access allows technologists to edit and complete studies on the go, eliminating the need to return to the department or search for a free computer.

Align Assist provides real time angle information to ensure accurate beam and detector alignment.

Inching drive controls on the tubehead enable swift and accurate repositioning without the need to return to the cart handle.

Maximized Productivity and Accelerated Workflow.

DRX-Revolution is designed to give time back to your team, so they can spend more of it focused on patient care. Authorized users can access the system with a simple badge swipe. An intuitive GUI makes operating the system easy, even for first-time users. And drive controls on the tubehead enable quick cart positioning, giving users full control of forward, backward, left and right movement.

Two touchscreen displays enable quick image review or technique changes from either the console or the tube side. This creates two convenient work zones, so everything is always within easy reach. In-bin charging lets you keep the detector ready to go. Plus, this "X-ray Room on Wheels" offers plenty of storage for gloves, extra batteries, markers, bags and more.

#1

World's First

Automatic collapsible column provides a clear, safe line of sight during transport.

Dual Display

Swipe and Go

In-bin Charging

Innovation on the Move.

The safest place for the sickest patients is to remain in their beds. Capturing images at the bedside minimizes disruption and makes patients more comfortable. It also speeds time to diagnosis and accelerates treatment planning – allowing patients to get on the road to recovery sooner.

The DRX-Revolution system is compact and extremely maneuverable, allowing users to navigate cluttered hallways and cramped patient rooms without strain. A lightweight, balanced tubehead combined with an extensive and versatile range of motion makes perfect positioning for exams easy, regardless of location.

Advanced Image Processing.

The DRX-Revolution combines robust functionality with Carestream's most advanced image processing in a single platform. This unique design gives you exceptional ease of use and delivers best-in-class image quality.

EVP Plus, an option in our ImageView Software, allows you to choose from a range of standard looks or easily customize to desired image preference.

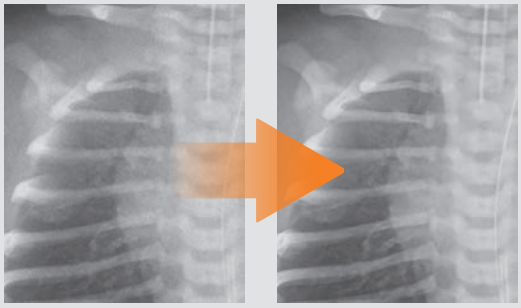
Our Pediatric Package is designed to optimize image quality by utilizing pediatric-centric acquisition and processing parameters that suppress noise and enhance detail, based on patient size. Child-friendly DRX-Revolution graphics help put pediatric patients at ease.

PACS-based query/retrieve capabilities also give system operators prior image review capabilities, including access to imaging techniques and exposure history.

You can enhance your system with a specialized ICU Package that includes Tube and Line Visualization and Pneumothorax Visualization. Companion images provide a clear view of tubes, lines and anatomy to verify correct positioning or accentuate a Pneumothorax to aid in quick diagnosis and treatment.

Smart Noise Cancellation. Ai

Optional Smart Noise Cancelling feature that uses AI and machine learning to optimize image quality. Traditional noise reduction often introduces image blurring, which can degrade sharpness and remove important anatomical information. Our new technology isolates noise to produce images that are significantly clearer than with standard processing.[2]



Standard Processing **Smart Noise Cancellation**

Power Industry-Leading Detectors.

Our family of high-performing DR Detectors provides superb image quality at the point of care for confident diagnoses and improved clinical outcomes. Make your budget go farther by sharing our X-Factor-enabled detectors across our family of DR Mobile and Room solutions.[3]

Find Your Perfect Fit
Learn more about our rich portfolio of detectors to find the optimum fit for your facility. Find them all at carestream.com/detectors.

No Matter Which Road You're on,

We'll Get You Where You Need to Go.

SMART IMAGING SOLUTIONS

The Fastest Route to a Successful Imaging Future.
As you travel to the future of imaging, what's your next step? Perhaps you need to accelerate your X-ray workflow. Or add a new imaging solution to your facility to provide better patient care.

Wherever you're headed, we have the smart solutions you need: Full-digital imaging rooms and leading-edge mobile units. Wireless, shareable detectors and CR-to-DR retrofit kits. Affordable CR systems. And advanced digital imagers.

Start Mapping Your Route Today.
From small clinics, urgent care facilities and specialty practices to large hospitals and imaging centers, every facility will find a Carestream solution to meet the most specific needs. Visit carestream.com and start your journey to greater productivity and a higher standard of patient care.

More Solutions from Carestream.
Carestream also offers Non-Destructive Testing solutions to help ensure quality and safety in the aerospace, petrochemical and other industries, as well as Contract Manufacturing to bring innovative coated products to market.

A Community of Service and Support.
For dependable service, look to our Customer Success Network. We work continuously to improve your imaging performance, help you to innovate as needs change and make the most of your budget and resources. Carestream's Customer Success Network surrounds you with a dynamic team of experts, with a single point of entry for easy, customized access to the right people in every situation. You and your patients will benefit from the expertise and best practices only Carestream can deliver.

Imaging Software Powered by Eclipse

Eclipse:
Harness the Power of Decades of Innovation.
Carestream's Eclipse is the engine behind our innovative imaging software. It uses AI technology and proprietary algorithms to significantly increase the value of the entire imaging chain, from capture to diagnosis.

[1]Pending approval in some countries

[2]These statements were verified using Carestream detectors in a reader study performed by board-certified radiologists comparing pairwise images taken at a nominal dose (CsI ISO 400 speed / GOS ISO 320 speed) and reduced dose (CsI ISO 800 speed / GOS ISO 500 speed) with SNC.

[3]Not available in all countries. Contact your sales representative for details.

carestream.com/drx-revolution

"Rx only"

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