Carestream

DRX-Revolution Nano Mobile X-ray System

Small. Agile. Affordable.

Revolutionary Performance on a Smaller Scale.

SMART IMAGING SOLUTIONS

Striking the Ideal Balance of Price and Performance.

Looking for a mobile X-ray system to replace your existing unit or add to your current fleet? CR systems, while affordable, don't provide all the benefits of a fully digital system. At the same time, adding additional, fully integrated digital systems may be out of your price range.

Meet the best of both worlds. We've leveraged the advanced features and digital integration of our flagship DRX-Revolution to create the small and compact DRX-Revolution Nano Mobile X-ray System. It delivers high performance and DR imaging, scaled down to make it an economical choice. It's just the Revolution you've been waiting for.

Advantages at a Glance

- Small and lightweight for easy transport – even in tight, cluttered environments.
- Balanced, articulating arm for extended reach and easy positioning.
- Carbon Nano Tube to minimize weight and maximize tube life.
- Affordable design for smaller budgets.

Meet the Revolution Nano.

Carestream's DRX-Revolution Mobile X-ray System changed the way the industry thinks about mobile imaging. Expanding the Carestream portfolio, we have now developed a fully integrated, digital, budget-friendly mobile system. The new DRX-Revolution Nano Mobile X-ray System is designed to deliver exceptional value and performance. The Revolution Nano utilizes Carbon Nano Tube Technology. The configuration of a Carbon Nano Tube (CNT) field-emitter tube differs significantly from traditional thermionic tubes. The CNT emitter in an X-ray tube consists of a large number of CNTs arranged vertically on a conductive substrate and replaces the traditional filament.

This technology allows the Revolution Nano to be smaller and more nimble than the DRX-Revolution, making it ideal to maneuver through small patient rooms, crowded hallways or tight spaces in the ICU or NICU.

The DRX-Revolution Nano is ideal for portable chest, ICU, orthopaedic and pediatric imaging. It delivers all of these key advantages:

- A unique Carbon Nano Tube features an ultra-lightweight design for easy maneuverability and arm positioning.
- Integrated DR technology delivers faster workflow and higher image quality than CR systems – at a lower capital cost.
- *Feather Touch Drive* and small footprint make maneuvering and navigating simple and easy.
- Sleek design offers line-of-sight visibility over the column and around the entire system.
- X-factor design allows detector sharing between rooms or mobile systems.
- Advanced software applications include Tube and Line Visualization, Pneumothorax Visualization, Bone Suppression, SmartGrid and Pediatric applications.

Everybody Benefits.

Everyone in your facility will appreciate the benefits of the DRX-Revolution Nano.

Radiologist
- High-quality diagnostic images: reliably and consistently
- Advanced software options for specialized visualizations

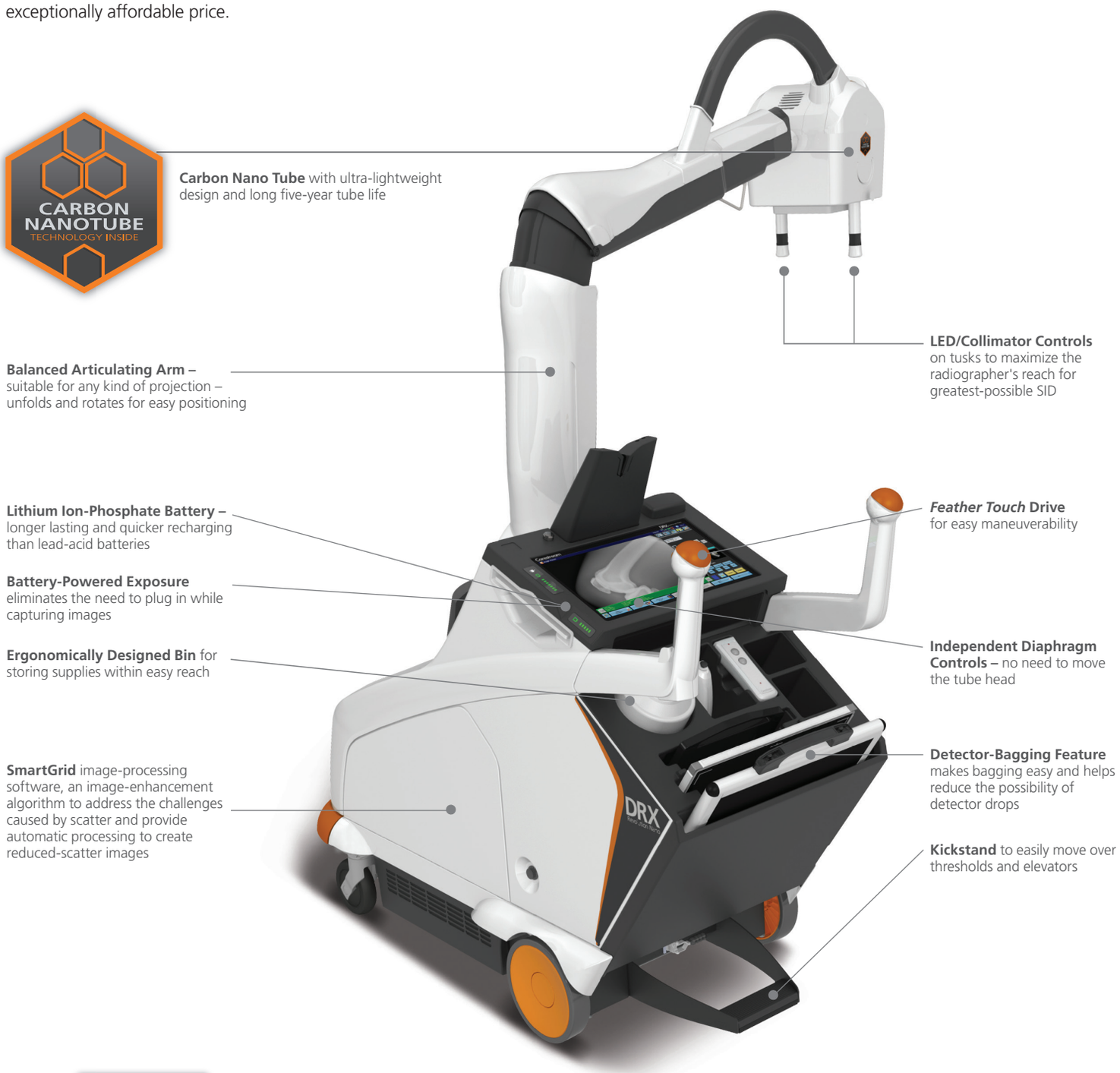
Radiology Administrator
- Lower capital investment
- Shareable detector to maximize productivity
- Future-proof design to prevent technology obsolescence
- Maximized return on investment

Radiographer
- Lightweight, easy to maneuver and position
- Clear line of sight
- Convenient bin design to put all supplies within reach
- Same intuitive user interface as all Carestream systems

Patients
- A quicker, more comfortable imaging process – no need to transport patients to X-ray rooms
- High-quality images to support accurate and timely diagnoses and treatment

A Fully Integrated DR Solution.

Driven by powerful CARESTREAM DirectView Software, the DRX-Revolution Nano can help speed your workflow, boost your productivity and improve your standard of care – all at an exceptionally affordable price.



Carbon Nano Tube with ultra-lightweight design and long five-year tube life

LED/Collimator Controls on tusks to maximize the radiographer's reach for greatest-possible SID

Balanced Articulating Arm – suitable for any kind of projection – unfolds and rotates for easy positioning

Lithium Ion-Phosphate Battery – longer lasting and quicker recharging than lead-acid batteries

***Feather Touch* Drive** for easy maneuverability

Battery-Powered Exposure eliminates the need to plug in while capturing images

Independent Diaphragm Controls – no need to move the tube head

Ergonomically Designed Bin for storing supplies within easy reach

Detector-Bagging Feature makes bagging easy and helps reduce the possibility of detector drops

SmartGrid image-processing software, an image-enhancement algorithm to address the challenges caused by scatter and provide automatic processing to create reduced-scatter images

Kickstand to easily move over thresholds and elevators

Industry-Leading Performance: Meet Our Family of DRX Detectors.

The DRX-Revolution Nano is compatible with DRX-1, DRX Plus, DRX Core and DRX 2530C 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 goal? Maybe you want to move from analog to digital. Perhaps you need to accelerate your X-ray workflow. Or it could be you're ready to add new imaging modalities to your facility to provide better patient care. Wherever you're headed, we have the smart solutions you need: Full imaging suites and leading-edge mobile units. Wireless, shareable detectors and CR-to-DR retrofit kits, as well as additional modalities, such as Cone-beam CT and Ultrasound.

Start Mapping Your Route Today.
Visit carestream.com to start your journey.

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 – based on thousands of customer engagements worldwide and our 100-year heritage in medical-imaging innovation.

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"Rx only"

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