Carestream

Focus 35C/43C Detectors
with ImageView Software

Versatile. Economical. Dependable.

SMART IMAGING SOLUTIONS

Ready to Upgrade to Wireless DR Imaging.

Nothing compares to the image quality, diagnostic confidence and speedy workflow of wireless digital technology. Now you can experience it firsthand... with the Focus 35C/43C Detector.

The Focus 35C/43C is versatile: it offers full compatibility with a range of Carestream Imaging Systems – or the ability to upgrade your existing analog equipment to digital. Its affordable price fits the budget of nearly any facility. And it delivers the proven dependability that Carestream imaging solutions are famous for.

Running on CARESTREAM ImageView Software, powered by Eclipse with AI, the Focus 35C/43C delivers the digital imaging performance you've been waiting for.

Advantages At a Glance

- The superb quality of DR supports a higher standard of care.
- Wireless operation accelerates your workflow.
- Budget-friendly design allows an affordable DR upgrade.
- These detectors are compatible with a variety of DR systems, including rooms, mobile units and retrofits.

The Ideal Balance of Performance and Price

When it comes to image capture, Digital Radiography is the technology of choice – delivering pristine images and diagnostic confidence, faster workflow and increased productivity. Plus, whichever stage you're at in the imaging continuum, the Focus 35C/43C Detector is a true asset.

- If you already own DR capture systems, a Focus Detector is ideal as an affordable supplemental or back-up detector.
- If you're considering the purchase of a new DR System, choosing a Focus Detector will help minimize your capital outlay while giving you the key features you need.
- And if you're still using a film- or CR-based system, Focus Detectors will slide right into your existing equipment, allowing you to upgrade to the power of full digital – easily and affordably – to protect your current investments.

Outstanding Versatility

Focus 35C/45C Detectors are ideal for smaller to-mid-sized hospitals, private and specialty practices.

- Two sizes are available – 35x43 cm and 43x43 cm, both with Cesium Iodide scintillators for low-dose applications.
- Wireless design also helps minimize the infection risks and trip hazards of cables.
- For added versatility, the Focus Detector can be used in both Beam Detect Mode or Direct Connect Mode.

The Power Behind the Detector: ImageView Software

With its Eclipse Imaging Intelligence capabilities, ImageView offers robust processing and images of optimal quality – while it reduces quality errors and increasing dose efficiency.

- Offers a single-screen workflow to provide a smooth and simplified user experience.
- Provides a common user interface across Carestream DR systems to simplify cross-product use and reduce training time and costs.
- Includes uniform protocols, set to your preferences, to enable greater consistency, fewer repeat exams and improved productivity.
- Delivers added cyber security with its Microsoft® Windows 10 Platform.

Focus 35C/43C Detector Specifications:

Model Name	Focus 35C	Focus 43C
Size	35x43 cm	43x43 cm
Weight	3.43 kg/7.56 lbs.	4.68 kg/10.31 lbs.
Battery Life	6.5 hrs	6 hrs
Spatial Resolution	3.3 lp/mm	3.6 lp/mm
Scintillator	CsI	CsI
IP Rating	IP44	IP44

Increased Quality and Productivity

ImageView Software also offers specialized quality-enhancement and workflow-efficiency capabilities – many based on AI – to deliver unsurpassed performance with our DR rooms. These include:

Tech-Assist Chest QA
Contrast Noise Ratio (CNR) notifies the user when the CNR on the acquired image is outside the preset target range. Anatomy Clipping Software uses artificial intelligence to outline areas of the chest anatomy that may have been collimated off the image. Deviation Index quantifies the deviation of the actual exposure index from the preset target range.

Smart Collimation
This feature automatically adjusts the collimation field based on the detector size and position of each patient – for greater consistency, reduced anatomy clipping and retakes.

Smart Technique
The appropriate acquisition technique is automatically selected, based upon the patient's size. Automatic technique settings improve workflow and reduce retakes.

Smart Auto-Position
Input from the camera is used to assess a patient's height and size, and to ensure that the patient is standing out of the equipment's path. The wallstand and tubehead automatically move into the right position – vertically only, and at a slow speed, for safety.

Smart Patient Positioning
This allows more accurate alignment and consistent image acquisition. It also reduces the need for physical contact between the radiographer and patients – a huge benefit when direct contact with potentially contagious patients needs to be minimized.

ImageView provides a broad range of image processing options including:

- Bone Supression
- EVP Plus
- Grid Suppression
- ICU Package
- Long Length Imaging
- Image Display Autocorrect
- Pediatric Software
- Pneumothroax Visualization
- SmartGrid
- Tube and Line Visualization

Eclipse:
Harness the Power of Decades of Innovation.

Imaging Software Powered by Eclipse

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.

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"Rx only"

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