

The DigitalDiagnost C90 has built upon the well-established DigitalDiagnost platform to introduce an updated design, which includes new efficiency and diagnostic tools. The key features listed below are part of every core C90 system and are designed to help make your technologists efficient, enhance the experience of your patients, and enhance the diagnostic quality of the images you acquire.

DigitalDiagnost C90

Key Specifications

12" touch-screen workflow at the system

The new enhanced Eleva tube head with LCD touch-screen monitor is designed to speed up workflow by allowing technologists to check or change all relevant system parameters while staying bedside and focused on the patient.

Two-point patient identification verification

Ensure patient identity before the exam begins with two-points of verification, one at the worklist on the workstation and again at the welcome screen in the exam room. This also supports the patient by knowing they are in the correct room and receiving the correct examination.

Live Camera for collimation and patient safety

Live camera collimation on the tube head provides a bird's eye view of the collimated area facilitating accurate collimation with limited technologist movement and manipulation. A corresponding live camera image also appears on the workstation to ensure correct patient position prior to taking the acquisition to reduce retakes.



Preview Image on tube head

After acquisition, an image preview will appear on the Eleva tube head. You no longer need to wait at the workstation to see the image and continue with the examination. The length this image appears can be adjusted by the customer or removed by a touch to the screen.

Diagnostic quality, touchscreen workstation

2k high resolution, 21.3", touch screen driven workstation for easy use. Equipped with the Eleva user-interface, which is highly customizable and can facilitate quick workflow.

7-Patient Types for patient adaptive workflow

Assigned to protocol settings for image processing and techniques allowing for patient adaptive imaging. Equipped to address three pediatric patient types and four adult patient types.



Five AEC Chambers

Allows for greater flexibility in positioning and image orientation regardless of detector orientation.

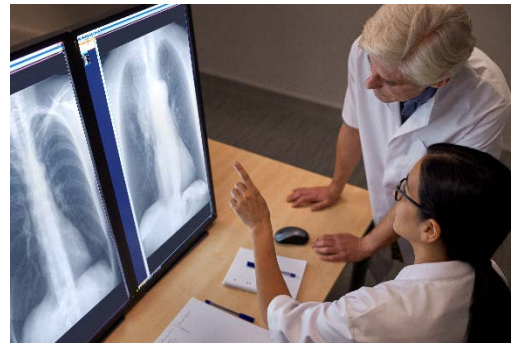
Whitelisting Network Security and Windows 10 operating platform

System maintains a list of only trusted IP addresses limiting access to the system of only trusted sources. This format protects the system for all current and future threats and never has to be updated. The system also the latest windows 10 embedded OS.



Next Generation UNIQUE 2 Imaging Processing

Improvements have been made to Philips well-established UNIQUE image processing to create UNIQUE 2, which minimizes the compromise between sharpness and noise while increasing fine detail visualization down to 1mm. This post-processing software automatically applies to every image to ensure a homogenous and consistent image impression regardless of patient type.



Target and Deviation Dose Indexing

The dose target and deviation index range are now displayed automatically during image review helping to enable good exposure and acceptable IQ on every image. In addition, red, yellow, and green indicator lights will visually display for easy dose management.

Clinical QC Software

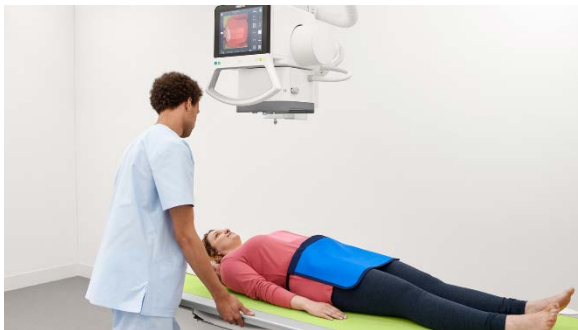
This powerful image statistic tool provides the functionality to analyze rejected images regarding operators and reject reasons. The data files can be downloaded or archived and allow for a wide variety of reports and graphics to be built for quality control analysis.

VarioFocus

Philips' VarioFocus is a unique generator technology that provides outstanding image resolution by simultaneously using both the large and small tube filaments. This provides high resolution of the small focus and greater power of the large focus, and may enable longer x-ray tube life.

Improve Ceiling-Suspension Design

Philips has improved the alpha motor drive to make it smaller and more ergonomic and freeing up space and maneuverability of the system. Philips' has also improved the breaking of the ceiling suspension to ensure it holds its position even if in-between locking points.



Bariatric-Capable Height Adjustable Table

820 lbs. weight-bearing capacity with a proven and smart design – motorized height adjustable, floating tabletop, and wide footprint for easy positioning of every patient. A second controller also comes with every system allowing for the same controls as the table footswitches even if footswitches are locked.

Robust Wireless Detectors

Shareable, SkyPlate detectors capable of over 1,000 images per charge and available in a 14x17" or 10x12". This robust plate allows for flexible positioning for lateral or oblique projections and offers full diagnostic information even with large patients.

Integrated Calibration Filter

There is no longer a risk of damaging the calibration filter or having to store it separate from your system. It is now fully integrated into the system for when you need to run calibrations.

