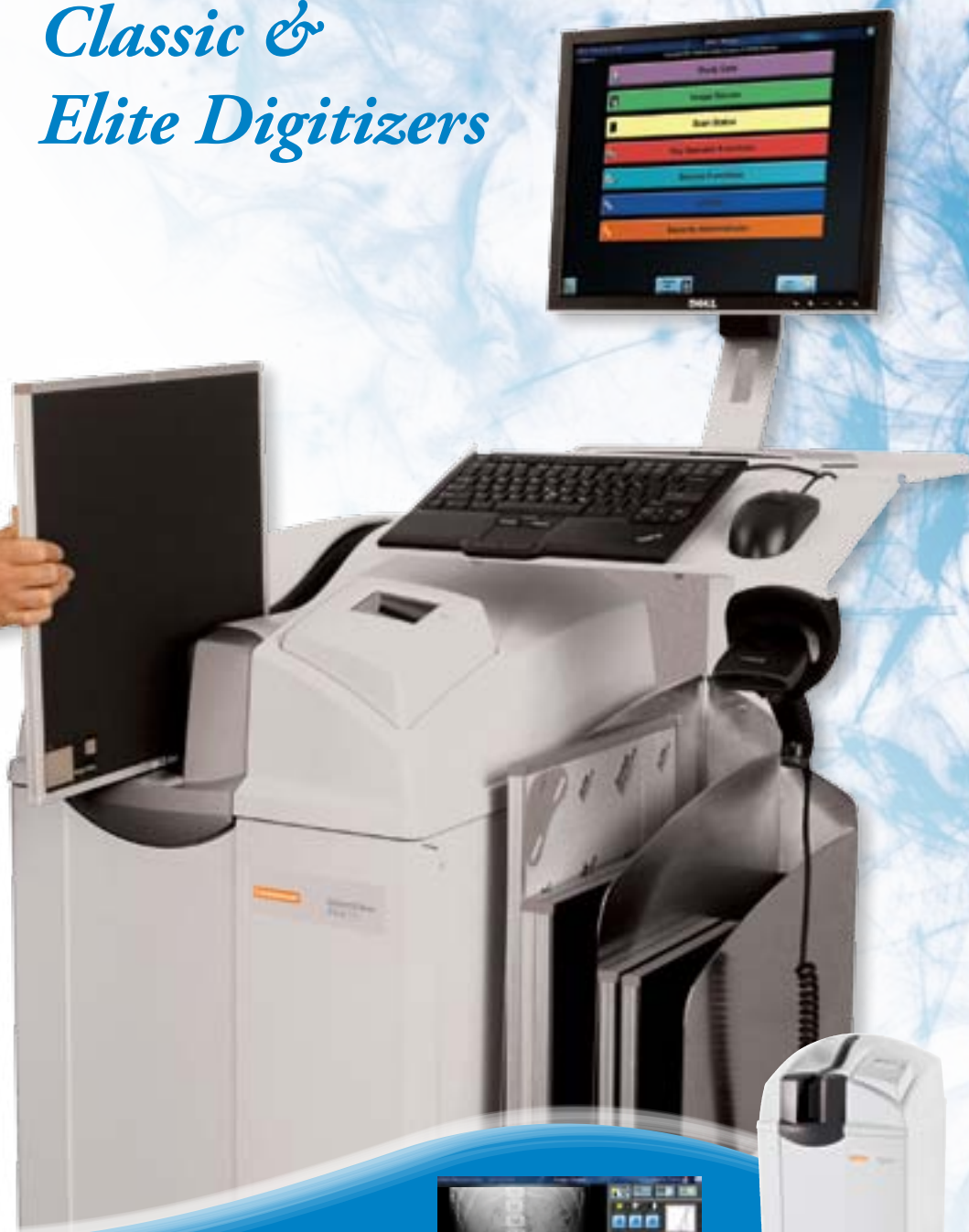


CRESCENDO

WAIV Series with Touch Screen Technology

*Featuring
Classic &
Elite Digitizers*



Quantum
MEDICAL IMAGING
Division of Carestream

Legendary Reputation...Sensitivity to your budget

The CRescendo WAIV Series CR Systems are easy to install, use and maintain, providing seamless integration, from X-ray exposure to print or softcopy.

The CRescendo WAIV Series CR System Package includes features that provide advanced functionality and maximum productivity, because every patient deserves the highest quality our technology can deliver without compromise. Loaded with easy-to-use software features developed by Carestream Health, designed to optimize workflow and make patient care your number one priority, this great package comes complete with the software and hardware you need to Go Digital today.

The CRescendo WAIV Series CR System is the ideal digital imaging solution for use where the practitioner has an existing archival solution, such as print to film or storage to PACS. This package is the perfect compliment to such products. If image acquisition, viewing, distribution and archiving are the solution you need, please discuss our "Image Suite" product solutions with your sales consultant.

CHOOSE THE DIGITIZER THAT IS BEST FOR YOUR RADIOGRAPHIC NEEDS:

- **CLASSIC** – FAST! 69 (14x17) plates per hour.
- **ELITE** – VERY FAST! 90 (14x17) plates per hour.



Touch Screen Technology

THE MOST FREQUENT TASKS ARE THE EASIEST TO DO

The radiographer can perform all their daily tasks using the Workflow and Image Viewing (WAIV) Console.

MAXIMIZE PATIENT DIAGNOSTIC INFORMATION ON EVERY EXAM

- Window and level, flip, rotate, image reversal
- DICOM Print, DICOM Store
- Export to CD with Embedded Viewer
- Measurements, Distances, Angles, Cobb Angle, Pan, Zoom, Comments, Electronic Markers, Text, Annotation, Invert Grayscale
- Histogram display for image analysis
- Access to image processing parameters to fine tune for specific studies

ADDITIONAL SYSTEM FEATURES:

- CR CLASSIC or ELITE Single Plate Reader With Automatic Cassette/Plate Handling
- WAIV Console Workstation 500 GB HDD -
- 19" Flat Panel High Quality Touch Screen Monitor
- EVP Plus Image Processing Software
- Gridline Suppression & Detection Software
- Low Exposure Optimization Software
- DICOM Store/Send and DICOM Print
- "P-Value" Display Output For Compatible PACS
- DICOM CD Export For DICOM CD Burning With Viewer
- Black Surround Masking Software
- Reject Tool
- Unique Exam Tutor Software
- Security Audit Log Software
- Procedure Code Mapping & Enhanced Trauma Software
- Remote Patient Data Entry Software (RPDES) or DICOM Modality Worklist – Choice.
- Symantec Critical System Protection (CSP)
- 2 CR 35x43 Cassettes With Imaging Plates
- 2 CR 24x30 Cassettes With Imaging Plates



(Shown With Optional Wall Mount)

EASY INSTALLATION. MINIMAL FOOTPRINT

The *CR*escendo *WAIV* Series CR is easy to install and fits almost anywhere. This robust distributed CR system produces high-quality images and has a footprint that allows placement in an x-ray room or x-ray control console room.

Ideal for a range of environments from hospitals and clinics to private practices, the *CR*escendo *WAIV* Series CR System is a unique offering in the Quantum Medical Imaging CR portfolio. It is designed for central and distributed CR applications where fast image availability, high image quality, lower costs and benchmark productivity are critical.

With less capital investment and lower operating costs, the *CR*escendo *WAIV* Series CR System helps imaging facilities meet budget requirements. It is designed for medium to high image volumes in:

- **HOSPITALS**
- **DIAGNOSTIC IMAGING CENTERS OR CLINICS**
- **SPECIALTY CLINICS/PRIVATE PRACTICES (E.G. ORTHOPAEDIC CLINICS)**
- **LARGE GENERAL PRIVATE PRACTICES**

- Compact footprint for placement in an X-Ray room or X-Ray control console room
 - High Speed Mode – 6 Pixels per mm resolution
 - Standard Speed Mode – 10 Pixels per mm resolution



(Shown With Optional Floor Mount)

CONVENIENT LOAD HEIGHT

Waist high loading of cassettes makes processing easier reducing technologist bending and reaching

EASY ACCESS DOOR

The system is designed to keep foreign objects out, but should anything find its way inside, just open the front door and take it out

PLATES GO IN, BUT CASSETTES STAY OUT

This design reduces the likelihood that contaminants such as tape and lead markers on the cassette will be transferred to the inside of the reader

CARESTREAM DIRECTVIEW EVP PLUS SOFTWARE

Carestream DirectView EVP Plus Software takes image and diagnostic quality to new levels.

Several time-saving features reduce capture set-up times and boost overall quality of image output — resulting in greater operational efficiency and consistently high-quality images that help improve patient diagnosis. Easy setup results in greater throughput Image Images can be processed with identification of the body part/projection. Qualified users can change preference editors and default appearances. Intuitive adjustments independently control image parameters such as contrast, brightness, noise level and latitude. Improved black surround feature sharpens image resolution automatically.

EVP PLUS - TECH & KEY OP PRIVILEGES

TECH CAN ADJUST:

- Brightness
- Latitude
- Detail Contrast

KEY OP CAN ALSO ADJUST:

- Sharpness
- Noise

EVP PLUS

Increase latitude while preserving detail contrast in both bony structure and soft tissue areas



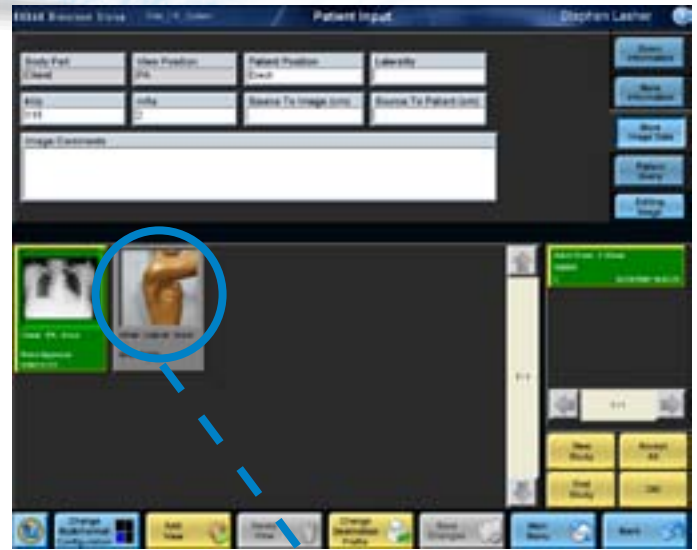
ADDITIONAL SYSTEM FEATURES

Robust platform for CR Escendo WAIV Series CR Systems put the power of optimized image processing into customers hands. Enhanced productivity, workflow, & flexibility with user selectable palettes and customized image looks.



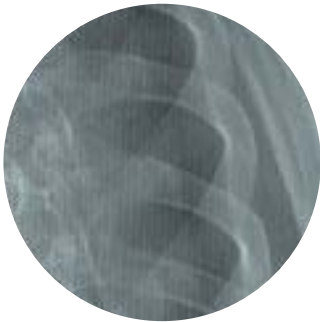
WORKFLOW AND IMAGE VIEWING (WAIV) CONSOLE

- Intuitive and simple to use
- Robust GUI, image processing, and software options/tools
- 19" Touch Screen Monitor and keyboard can be placed on a floor stand console that also stores cassettes, or a space-saving wall Mount.



UNIQUE EXAM TUTOR SOFTWARE

- Displays "Tutor" images for each unexposed view in an exam. Tutor image shows anatomic region positioned for the exam.
- Simplifies association of CR cassette to the view
- Exam tutor displays icons as visual guides on how patients should be positioned to perform each view
- Once procedure name or code is received from the RIS, the CR prompts the technologist on which views usually come with the procedure and displays icons on how patients are positioned for these views (Exam Tutor).



Shown with gridline artifacts



Reduces gridlines & moire for better images



GRID DETECTION AND SUPPRESSION SOFTWARE

- Automatically detects and suppresses gridline artifacts
- Improves image quality for portables and fixed grid systems
- Enable and disable this function with an easy-to-use checkmark function on the CR screen.

ACCESSORIES AND OPTIONS

Carestream Health offers a variety of accessories and options for the *CR*escendo *WAIV* Series CR Systems that help maximize the functionality, convenience and performance of the system. These service and product enhancements are also available for Carestream Health's other DirectView CR Systems.

DIRECTVIEW CAPTURE LINK SYSTEM

Link up to five DirectView CR Systems and 20 remote operations panels to improve productivity and streamline workflow in high volume areas. Share cassette identification, scanning and image review functions on linked systems.

DIRECTVIEW TOTAL QUALITY TOOL

Perform your own QC measurements and objective image tests with the same interface used for examinations. Test at your convenience —without the disruption, scheduling, or cost of third-party testing.

DIRECTVIEW CR LONG-LENGTH IMAGING SYSTEM

Capture long-bone computed radiology images — full leg and full spine — with this easy-to-use accessory. Highly reliable, fully automatic stitching software delivers images up to 17 inches wide by 51 inches long (43 x 129 cm), with few, if any, visible seams.

A portable cassette system for upright and supine procedures produces images up to 14 x 33 inches (35 x 84 cm).

CHOICE OF PRINTING OPTIONS

Print CR images on film with a choice of DryView Laser Imagers. They can be configured to receive CR images automatically. Use a DryView 6850 Laser Imager and choose from five film sizes including up to three online, all at 650 dpi resolution. Print true-size images using any DryView Laser Imager. Gain formatting flexibility with multiple images on a single sheet of film.



DIRECTVIEW REMOTE OPERATIONS PANEL

Extend the functionality and reach of your DirectView *WAIV* Series CR System with this wallmounted touch-screen panel that allows users to perform most system functions away from the main unit. Network up to 5 remote operations panels to a single DirectView CR System. Or network one remote panel to as many as eight CR systems.

ADMINISTRATIVE ANALYSIS AND REPORTING SOFTWARE

- One consolidated Excel report for CR system
- Individual workload data
 - How much exposure was used?
 - Reject/Repeat analysis data for each individual, each exam type
 - Identify opportunities for workflow improvement



PRODUCT SPECIFICATIONS

Dimensions of Reader

- Overall height = 40.5 in. (102.87 cm)
- Width = 19.0 in. (48.26 cm)
- Depth = 22.7 (57.66 cm)
- Weight = 300 lbs (136 kg)

Cassette sizes

Plates per hour (high speed scan mode)

- 18 cm x 24 cm. 77
- 24 cm x 30 cm. 58
- 14" x 14"/35 x 35 cm 77
- 14" x 17"/35 x 43 cm 69
- 15 cm x 30 cm (Dental). 92
- 35 cm x 84 cm (Long Length) 68

Time to first image

- 33 seconds
(35 cm x 43 cm, high-speed scan mode)

Grayscale resolution

- Acquisition: 16 bits per pixel
- Display: 12 bits per pixel

Monitor

- 19" flat panel touch screen monitor, 1280 x 1024

Power

- 100/120V AC 50/60Hz 10A
- 200/230V AC 50/60Hz 5A

Regulatory

- FDA
- CE mark
- cTUVus mark
- TUV T mark



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Extended Parts Warranty is Available!

Please have a discussion with your Sales Consultant about extended warranty coverage. You will find the 5 Year Total Cost of Ownership cost comparison to be the most affordable in the industry.