



KONICA MINOLTA

Computed Radiography



Accessories and Options



The essentials of imaging

Computed Radiography Accessories



Digital Image Stitching Software Application

Used in orthopedics for studies involving scoliosis and long length bone work, the Digital Image Stitching Application electronically combines three 14" x 14" or 14" x 17" images into one continual image. This image can then be exported to a PACS for subsequent measurement and diagnosis.

Xpress Portable Assistant (XPA)

The XPA can enhance productivity by allowing cassettes to be registered at the point of patient care. The XPA can download and store a patient worklist from the Xpress Control Station and perform the cassette association via a built in barcode reader. This is especially useful in an environment where patients are remote from the Xpress Computed Radiography system.

Portable Operation — Xpress XPA (Option)

1. Download

The Examination Order is downloaded from CS-3 to the PDA.



2. Cassette Registration/Shooting

The corresponding order is selected from the list and the cassette is registered on the spot.



4. Image Check

The order and images are automatically matched and images of all patients appear on the same CS-3 screen for quick checking.



3. Reading

After registered data is uploaded from PDA to CS-3, exposed cassettes are scanned by the reader.



Computed Radiography Quality Assurance Program

Konica Minolta recognized that consistency and reliability of clinical operation are key factors for your continuing satisfaction with our imaging products.

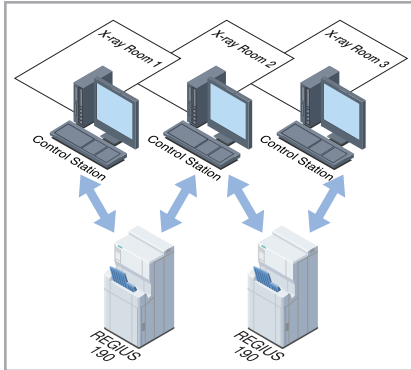
The test procedures and evaluations provided by the Quality Assurance program are generally consistent with AAPM performance evaluation guidelines. Included are the following items:

- One Xpress CR QA Phantom
- Two 0.5mm Copper filters
- One Aluminum Filter
- One Support Stand for proper placement of customer-provided dose meter
- One QA Manual and Instructions
- One QA Tracking Tool

Required Customer Supplied Items:

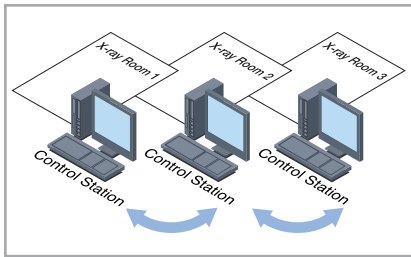
- Radiographic room (Calibrated within six months of testing)
- Windows based PC capable of running Excel spreadsheets and access to a paper printer
- Calibrated Dose meter with at least 1% precision
- Lead apron to prevent scatter
- Lead block, $\geq 5\text{mm}$ thick, ca. 12cm x 15cm area
- Calibrated Laser printer with linear Look Up Table
- 5x Magnifying glass or loupe
- Wire mesh or "Scanogram" Ruler
- Tape to mark the plate position

Computed Radiography Options



“Any Reader Any Time” Resource Sharing Option

Konica Minolta CR systems use just a few modular, high-performance components. This design strategy allows the greatest flexibility in customized solutions. The addition of the “Any Reader Any Time” resource sharing option brings with it the ability of Xpress CR to have multiple readers work on the same examination at the same time. This ability can exponentially decrease the time it takes to process and diagnose a given patient exam.



Study Sharing Software Option

Especially useful for timed studies such as a GI series, this option allows the user to start a patient examination on one Xpress CR Control Station and finish it at another.



Departmental Data Analysis

As an administrator, you may be required to monitor the performance trends of your department. The Departmental Data Analysis option allows you to monitor and record system and user performance trends for up to five Control Stations. Performance information provided by this option can be reviewed on any Control Station equipped and exported to most spreadsheet applications or to a central database.

Tracks and Records:

- Number of Exams Performed by each User
- Reject/Repeat Rates by User by Exam
- Rejected Image Store and Review
- Number of Exams by Control Station
- First Usage Date of Image Plate

Hybrid Image Processing

Konica Minolta's patent Hybrid multi-frequency image processing software further enhances the visualization of detail and improves image latitude while maintaining a “natural” looking image.

Gradation Processing



Frequency Processing



Hybrid Processing



Computed Radiography Hardware



Computed Radiography Cart

Heavy Duty Cart for Control Station with surge protector-Dimensions: 25" x 21" x 60".



Computed Radiography Shelf System

This custom engineered shelf assembly fastens directly to the CR Reader. Provides a convenient and attractive solution for areas where floor space is at a premium. Comprised of four components, this shelf system maintains a small footprint while providing a comfortable work area.



Wall Mounted Cassette Holder Grids for Digital Image Stitching

Available in two sizes 14" x 42" or 14" x 51", these special Cassette Holder/Grid combinations allow the Cassette and Plate Kits to be optimally positioned inside your radiographic room.

Specifics:

14" x 42" with 36" traveling distance and a built-in grid of 10:1/178/40"-72" FDD

14" x 51" with 38" traveling distance and a built-in grid of 10:1/178/60"-90" FDD



Mobile Cassette Holder Grid for Digital Image Stitching

An excellent solution for those customers that do not wish to permanently affix a cassette holder to their Radiology room walls or that require the flexibility to acquire long length images in multiple X-ray rooms. The Mobile Cassette Holder/Grid can accommodate both the 14" x 42" and 14" x 51" Cassette and Plate Kits.

Specifics:

14" x 51" with 38" traveling distance and a built-in grid of 10:1/178/60"-90" FDD

Wall Mounting for Control Stations *(Not Pictured)*

Provides convenient and attractive solutions for mounting the Control Station Monitor, Keyboard and Mouse where floor space is at a premium.



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