



KONICA MINOLTA

IQue CR

World's First Self-Learning
Computed Radiography System



Simple Innovation in a High-Throughput Computed Radiography System

IQue CR is an intelligent, simple to use computed radiography system that combines the latest in systems intelligence with a proven, high-capacity plate reader.

- Automatic Exam View Recognition
- Image Process Learning Function
- 90 Plates Per Hour
- 24 Second Image Preview
- Patented Hybrid Processing

The Konica Minolta IQue CR System is designed to meet the specific requirements of high volume Imaging Centers, Orthopedic Clinics and Primary Care Centers. Combining innovative systems' intelligence with unparalleled ease of use, IQue CR is your ideal stand-alone Computed Radiography solution.

The IQue CR Reader has a separate input bay and output bay. This allows the input bay to stack one cassette while another cassette is being processed. This unique dual bay design maximizes system throughput and optimizes technician efficiency.

The IQue CR Control Station has a user interface that is highly automated. Thus the number of steps needed to complete an examination is greatly reduced.

The Automatic Exam View Recognition function recognizes the body part and automatically applies the correct image processing parameters. The result is excellent image quality, every time, even for new users.

The Image Process Learning function further enhances your practice by tracking post-processing preferences and anticipating how you like to see your images.

Built into every IQue CR system is Konica Minolta's Patented Hybrid Image Processing which further enhances the visualization of detail and improves image latitude. Unwanted noise and shadows are virtually eliminated while maintaining a natural looking image.

The Konica Minolta IQue CR System offers you image quality you can trust. Designed to meet a wide range of workflow requirements, the IQue CR System can dramatically improve production and your return on investment. Ask your Konica Minolta sales consultant for a full demonstration.

The essentials of imaging

IQue CR Reader Specifications*

Cycle Time	40 seconds (14" x 14")
Image Preview	24 seconds (14" x 14")
Plate Throughput	90 plates an hour (14" x 14")
Sample Pitch	175.0µm standard; 87.5µm high resolution, 43.75µm super high resolution
Resolution	4020 x 4892 (14" x 17") (high resolution)
Grayscale Output	4096 (12 bits)
Cassette Sizes	14" x 17", 14" x 14", 11" x 14", 10" x 12", 8" x 10", 24 x 30cm
Weight	374 lbs.
Dimensions	W23" x D23" x H48"
Power Source	AC 115/120 ±10% (60 Hz)
Heat Generation	1.1kW
Operating Conditions	Temperature: 59 – 86°F Humidity: 40% – 80% (non condensing)

*Specifications are subject to change without notice.

IQue CR Control Station Specifications*

DICOM Services	Storage (CR/DX SCU) or Print (SCU) Modality Worklist (SCU) Grayscale Standard Display Function (SCU) Modality Performed Procedure Step (SCU) Storage Commitment (SCU)
Image Output	Up to 2 DICOM Store Up to 1 DICOM Print
Image Processing	Gradation (G) Processing Frequency (F) Processing Equalization (E) Processing Hybrid (H) Processing
Image Storage Capacity	80 GB or approximately 7,000 images
Dimensions	PC: 7.2"(W) x 15.8"(D) x 14.5"(H) Touch Screen: 15.5"(W) x 2.6"(D) x 12.8"(H)
Weight PC:	PC: 25 lbs.; Touch Screen: 11 lbs.
Power Source	PC: AC 100–240V; 50/60 Hz Touch Screen: AC 100–240V; 50/60 Hz
Heat Generation	PC: Approx. 250 Watts or 427 BTU Touch Screen: 100 Watts or 171 BTU
Operating Conditions	Temperature: 59 – 86°F Humidity: 40% – 80% (non condensing)

*Specifications are subject to change without notice

Konicare Technical & Professional Service



IQue CR is backed by a 12-month warranty and a 2-year warranty on the plate!

As a world-class organization, Konica Minolta Medical Imaging provides service and support that is second to none. Our teams of professional service experts are available to you 24 hours a day, seven days a week, to ensure that your business always runs at peak performance. To help meet the specific needs of customers coast to coast, Konica Minolta Medical Imaging has established the Konicare Technical and Professional Services organization.

Konicare consists of people and programs dedicated to optimizing efficiency and productivity within your department. Our professionals are divided into such groups as Application Specialists, Project Managers, Technical Support Specialists and Field Service Representatives. Our programs include Remote Technical Support, Clinical Applications, Project Management, System Integration, System Administration Training and Network/Integration Services.

The Konicare program is designed for maximum flexibility to meet every technological and management need at busy radiology departments. We can customize a program for any facility and any budget, making optimum use of all available resources for the best possible patient care.



KONICA MINOLTA

KONICA MINOLTA MEDICAL IMAGING USA, INC.
411 NEWARK POMPTON TURNPIKE
WAYNE, NJ 07470
TEL: (973) 633-1500 FAX: (973) 523-7408
WEBSITE: medical.konicaminolta.us