A new Compact, high-performance design.
Utilizing a unique dual bay design, the high speed reader of REGIUS Model 210 processes up to 100 plates per hour for maximum performance. This next generation reader radically improves workflow all within a mere 58x58 cm footprint.

Centralized image checking for flexible layout.
The “Ultimate Resource Sharing” concept provides the flexibility to separate the location of the consoles and the readers. This allows for the same fast and thorough image checking as with conventional systems. The result: system layout and productivity are optimized according to the number of examinations conducted, the work line and floor space.

C-Plate series
For Specialty Applications
High efficiency phosphor improves image quality while minimizing exposure dose to patient. High resolution allows for the clear recognition of anatomical edges, trabeculae bone details and other fine structures. The needle crystal structure technology offers excellent X-Ray absorption creating superior image quality rendering excellent sharpness with minimal image granularity. Durable plate technology ensures high quality performance.

REGIUS CONSOLE CS-3
The CS-3 console used for the Xpress CR incorporates a user interface highly regarded for it’s intuitiveness and simplicity. CS-3 provides the user flexibility in system configuration needed to create the ideal workflow. The unit is also equipped with the User Tool that gives complete freedom to customize image settings.

Choose the console for your ideal work/flow in a medical facility.
“Ultimate Resource Sharing” concept enables any medical facility.

**Regular Plate Series**
*For Mammography and general applications*
Regular Cassettes have significant advantages in X-Ray absorption by utilizing 100% iodine in the Photostimulable Phosphor Plates that provide outstanding usability and high quality diagnostic images. Lightweight and durable with excellent image quality. Stitching and Radiation Therapy Cassettes also available.

**Optimum read function for different body parts.**
In addition to the 175 and 87.5µm read capability, REGIUS MODEL 210 supports 43.75µm* read function for mammography and 87.5µm read function for pediatric use. In mammography where recognition of subtle pathological changes is essential, highly valuable images can be achieved based on a vast amount of information.

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**Easy User Interface (Easy GUI)**
CS-2 allows the user to select the body part to be examined from the icon. Simplified screen operations from patient registration to image verification are achieved by various automated processing functions.

**Automatic Body Part Recognition**
A comprehensive analysis of shape and density variations in the body part, and of the edge and continuity of bones, enable the CS-2 to produce an optimal image without the need for creating specific exam tag key settings.

**Automatic Processing Parameter Learning Function**
The CS-2 automatically memorizes preferred density and contrast adjustments made by the users and regularly calculates the average numbers for these settings. As a result, CS-2 automatically customizes image quality to match users’ preference.

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**REGIUS CONSOLE CS-2**
The CS-2 console used for the IQUE CR is designed to provide the user with even greater ease and simplicity of operation. With the aim of offering a console that can be operated by anyone immediately after installation, only the most essential functions are incorporated into the CS-2 user interface. At the same time, various automated processing functions have been incorporated into CS-2 to create a highly efficient environment.

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*Screen design may be subject to change without prior notice for purpose of performance improvement.*
### Direct Digitizer REGIUS MODEL 210

**Exposure**
- 14"x17"/14"x14"/11"x14"/10"x12"/8"x10"
  - 18x24cm/24x30cm/15x30cm and other sizes

**Sampling Pitch**
- 3 Types: 87.5/175 and 43.75µm for Mammography

**Maximum Resolution**
- 4020x4892 (14"x17"/87.5µm)
- 5440x6776 (24x30cm/43.75µm/Mammography)
- 7080x9480 (14"x17"/43.75µm/PCM)

**Digital Gradation Level**
- 4096 levels (12bit)

**Processing Capacity**
- approx. 100 plates/hour (14" x14" / 175µm)

**Cassette Feed/Load Time or Cassette Cycle Time**
- approx. 35 seconds (14" x14" / 175µm)

**Slots**
- Insert x 1 (plus 1 stack)
- Eject x 1 (4-stack)

**Outer Dimensions / Weight**
- W580 x D580 x H230mm/ approx. 170kg

**Power Consumption**
- AC100/115/120/200/220/230/240V  ±10%
  - 50 / 60 Hz approx. 1.1kW

**Exposure**
- 14"x17"/14"x14"/11"x14"/10"x12"/8"x10" /18x24cm/24x30cm/15x30cm and other sizes

### Hardware

**Image Storage Capacity**
- Approximately 10,000 images

**Dimensions**
- PC: 7.2" (W) x 15.8" (D) x 14.5" (H)
- Touch Screen: 15.0" (W) x 20.3" (H) x 8.2" (D)

**Weight**
- PC: 25 lbs.; Touch Screen: 18 lbs.

**Power Source**
- PC: AC 100-240V; 50/60 Hz
- Touch Screen: AC 100-240V; 50/60 Hz

**Heat Generation**
- PC: Approximately 160 Watts or 548.8 BTU
- Touch Screen: 40 Watts or 136 BTU

**Temperature**
- 15°C - 35°C

**Humidity**
- 40% - 80% (non condensing)

### REGIUS Console CS-2 (IQUE)

**Image Processing**
- Automatic Gradation Processing (G Processing)
- Frequency Processing (F Processing)
- Equalization Processing (E Processing)
- Hybrid Processing (H Processing)

**Image Output**
- Maximum Configuration
  - Host : 2ch for normal, 1ch for backup
  - Printer : 1ch for normal, 1ch for backup
  - CS-2 Standard Software Configuration
  - Host or Printer : 1ch for normal, 1ch for backup

**DICOM Support**
- Basic Grayscale Print Management (SCU)
- Storage (SCU)
- Modality Worklist Management
- Modality Performed Procedure Step
- Grayscale Standard Display Function (print output)

**Image Processing Function**
- Automatic Body Part Recognition
- Automatic Processing Parameter Study

**Maximum Connection (CR)**
- 2 units

**Output Format**
- 1x1, 2x1, 1x2, 2x2

**Additional Software Options**
- CS-2 Mammography Option
- CS-2 Stitching Option
- CS-2 Image Sharing Option

### REGIUS Console CS-3 (Xpress)

**Image Processing**
- Automatic Gradation Processing (G Processing)
- Frequency Processing (F Processing)
- Equalization Processing (E Processing)
- Hybrid Processing (H Processing)

**Image Output**
- Maximum Configuration
  - Host : 3ch for normal, 1ch for backup
  - Printer : 2ch for normal, 1ch for backup
  - CS-3 Standard Software Configuration
  - Host or Printer : 1ch for normal, 1ch for backup

**DICOM Support**
- Basic Grayscale Print Management (SCU)
- Storage (SCU)
- Modality Worklist Management
- Modality Performed Procedure Step
- Grayscale Standard Display Function (print output)

**Image Processing Function**
- Advanced Processing Parameter with adjustable ROI
- Detailed imaging tag key setting

**Maximum Connection (CR)**
- 16 units

**Output Format**
- 1x1, 2x1

**Additional Software Options**
- CS-3 Mammography Option
- CS-3 Stitching Option
- CS-3 Study Sharing Option

*Specifications are subject to change without prior notice.*

* Mammography not approved by the FDA