The "Ultimate Resource Sharing" concept enables realization of the ideal workflow in any scene of the medical institute.

A new Compact, high-performance design

Utilizing a unique dual bay design, the high speed reader of REGIUS Model 310 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 flow and their space.

Ultimate Resource Sharing Concept

All-around system that achieves maximum productivity in various environments, succeeding the "Super Distribution System" concept from REGIUS MODEL 170.
The system offers a 45.75μm* read function for mammography; with new, enhanced console features.
C-PLATE series cassette with columnar crystal phosphor is ideal for mammography and pediatric use.
Introducing the New-Generation REGIUS easier to use, ever more sophisticated.

Slide panel for optical unit maintenance

MODEL 210 has a side panel for the cleaning/maintenance of optical units. Simply open the panel and pull out the cleaning tube for easy cleaning of the optical unit. Fine dust accumulated on the optical unit can be easily removed.

Two selectable options for cassette registration

Cassette registration mode can be selected from two options, registration at machine (barcode registration) and registration at reading (screen menu selection), according to the line of movement and system layout. This enables more flexible operation. Two types of bar code readers are available: single type (above in photo) or multi type.
Easy Workflow & Reliability

REGIUS CONSOLE CS-7

The REGIUS console function was succeeded to so far, the market trend corresponding, and a high extensibility and operability were pursued further. Konica Minolta offers new console CS-7 that pursues the comfort.

Control both readers with CS-7
- Multiview control
  - One CS7 console for both reader units of the X-LiF and X-SLiF. For superior processing continuity, the flow of exposures is uninterrupted while the images are acquired.
- 3D Multi-view function
  - Provides the best view for the operator to check image quality while minimizing the reader utilization.

Sampling pitch of 43.75μm for digital mammography reading.

C-PLATE series
with vapor deposition-type phosphor layer
"C-PLATE" features a columnar phosphor layer that efficiently delivers photostimulated luminescence to the light reception unit. A high X-ray absorbing material is used as phosphor to achieve excellent sharpness and granularity. In addition to the cassette for mammography, cassette for pediatric use is now available that best meets the requirement for a reduced radiation dose.

Optimum read function for different body parts
In addition to the 17S 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.
**Direct Digitizer REGUS MODEL 210**

- **Exposure size**
  - 14”x17” / 16”x20” / 11”x14” / 10”x12” / 8”x10” /
  - 18”x24” / 24”x30” / 19”x25” cm
- **Sampling Pitch**
  - 3.75 / 3.75 µm
- **Resolution**
  - 400/436/480 (18”x14” / 16”x12” / 14”x10”)
- **Maximum Resolution**
  - 544/677/766 (24”x30” / 30”x40” / 24”x30”)
- **Digital Gradation Level**
  - 4096 levels (12bit)
- **Processing Capability**
  - Approx. 100 plates / hour (14”x14” / 17”x17”)
  - Approx. 78 plates / hour (14”x14” / 17”x17”)
- **Slits**
  - Insert (1) (plus 1 stack)
  - Eject (1) (4 stack)

**REGUS MODEL 210 Outer Dimensions**

**Control Station CS-7**

- **Image Processing**
  - Automatic Gradation Processing (AGP),
  - Frequency Processing (FP) Processing,
  - Equalization Processing (EP)
  - Hybrid Processing (HP)
  - Interleaf Mosaic Processing (HMP) Processing
- **Control Output**
  - Host: Up to 4 channels
  - Printer: Up to 2 channels
- **DICOM Support**
  - Basic Graycode Print Management (SCU),
  - Storage (CCU),
  - Modality Worklist Management
  - Modality Performed Procedure Step
  - Graycode Standard Display Function (print output)
- **CR/DR Connections**
  - REGUS 110, 110/20, 190, 210: Up to 16 units
  - REGUS 550MA2: One unit
  - AeroR: Up to 4 simultaneous active detectors

* Specifications are subject to change without prior notice.