



KONICA MINOLTA

REGIUS Σ II



Giving Shape to Ideas

Konica Minolta has been a CR technology leader since 1996, consistently designing, developing, and delivering innovative solutions. The REGIUS Σ II represents the sum of this experience. REGIUS Σ II delivers a compact and affordable imaging solution that maintains the superior image quality and reliability expected from our REGIUS family of products.

Combined with the redesigned ImagePilot software, the REGIUS Σ II provides simple operation and smooth workflow to a wide range of medical practitioners.

REGIUS Σ II



From patient registration to long term archive



I. Register

Manual or automated patient registration from anywhere in the office. Select the patient from the worklist or input patient information. No need to specify body part or exam type.

II. Digitize

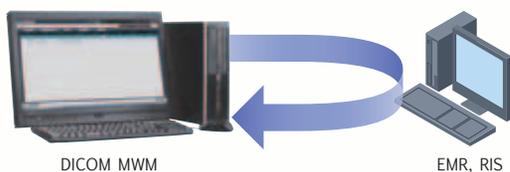
Just insert an exposed cassette into the REGIUS ΣII CR reader. The ImagePilot then automatically processes the image for optimized diagnostic viewing.

■ Patient data management

The ImagePilot server can manage more than 200,000 patients. With any registered patient, users can acquire new images or review prior exams.

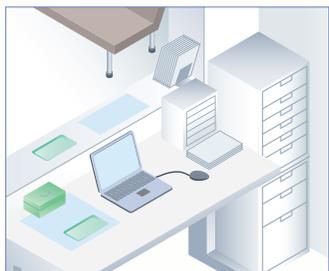
■ Seamless Link with EMR and RIS

Automatically receive patient information from any EMR or RIS that supports DICOM or HL7.



■ Useful Registration

Use an existing PC* (i.e. at the reception area) for patient registration, if desired.



* Please confirm the specification for the client PC of ImagePilot

■ Quick Preview

The fully automated image processing produces consistent, optimized images that display within 39 seconds.

■ Print composition

ImagePilot supports a print composer mode. Use this mode from any client station to print multiple images on one sheet of film or paper.

■ Easy recovery

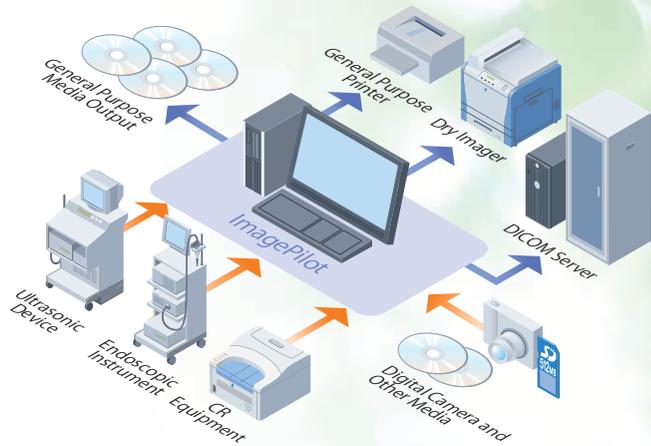
Should a plate jam occur, it can easily be removed by opening the top cover or the backside cover.



▲ Print Composer



Konica Minolta provides a complete workflow.



III. View

Images can be viewed at up to 20 ImagePilot client workstations throughout the office. Each client supports all the same ImagePilot functions - the same GUI at every workstation.

IV. Archive

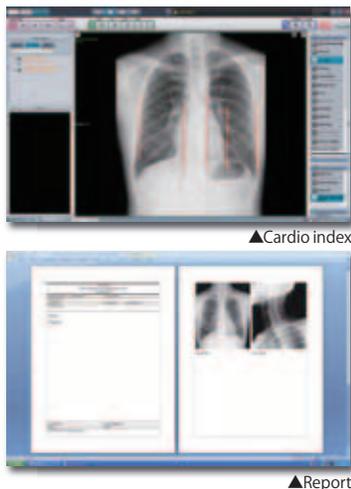
With storage capacities up to 2TB, ImagePilot can archive up to 300,000 images on its expandable servers. This can be expanded even further with add-on storage.

*For available configurations, please contact your sales representative.

Multifunctional Viewing

ImagePilot supports over 100 features and functions.

- **Annotation**
Line/Arrow/Rectangular/Text/ Shutter/Marker, etc
- **Scaling**
Cardio Index/Distance/ Angle/Rectangular CT/ Pelvis Analysis, etc
- **Image Tools**
Window Level/Zoom/Pan Magnifier/REGIUS Processing/ Cropping, etc
- **Report**
- **Other Modality Image**



Web Viewing

At your home or secondary practice location, you can view the images on your ImagePilot server via VPN.



DICOM Image Communication

ImagePilot supports DICOM Store for sending patient images to a remote PACS or for receiving images from other PACS systems or modalities. ImagePilot also supports DICOM query/retrieve for greater utility.

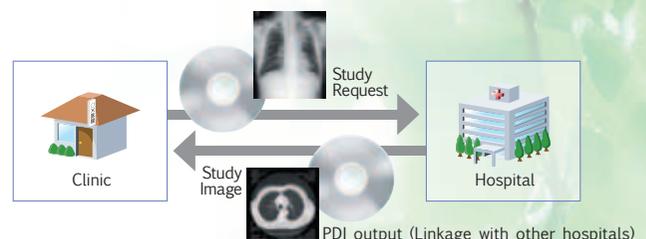


NAS/DVD Backup

To secure the data stored on the ImagePilot server, you can create a backup on CD/DVD or NAS.

PDI Output

To easily share patient data with other clinics, hospitals or clients, ImagePilot can create a PDI CD/DVD which includes a DICOM viewer.



COMPACT

REGIUS II

■ Konica Minolta's Ultra-Compact CR

The REGIUS II is Konica Minolta's smallest and lightest CR. The desktop CR has a footprint of only 0.31 m² and weighs a mere 28 kg.

0.31 m²
& 28 kg



■ Environmentally friendly

Energy consumption has been reduced to 100 VA- about the same as a household light bulb. That's one tenth the power of the smallest film processor.

■ Powerful

The powerful REGIUS II achieves a high throughput of 60 plates/hour (maximum). It provides a smooth and stress-free workflow.

HIGH QUALITY

■ High Resolution

The REGIUS II supports pixel sizes of 87.5 μm and 175 μm for all cassette sizes, achieving a maximum resolution of 4020x4892 pixels (14"x17" at 87.5 μm).

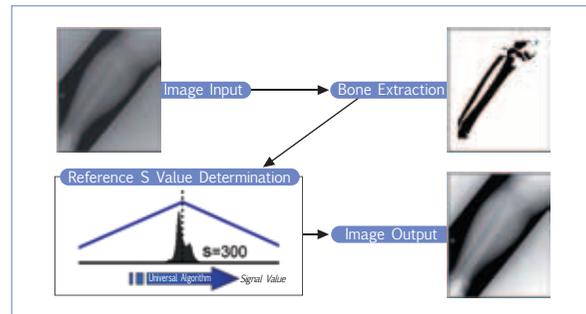


87.5 μm/
175 μm



■ Integral Processing

Integral Processing - the result of Konica Minolta's vast imaging experience - is a robust algorithm that produces the optimum diagnostic image automatically. This patented technique greatly simplifies X-ray image acquisition while delivering incredibly consistent image quality and virtually eliminating retakes.



SMART CONSOLE

ImagePilot

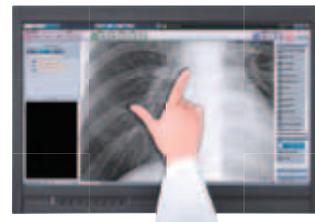
■ All-in-One!

The ImagePilot software combines CR image acquisition and PACS functionality. It is a complete workflow solution for clinics, imaging centers, and small hospitals. From one GUI, users can acquire, review, distribute and archive patient images.



■ Easy Control

ImagePilot supports a multi-touch display for the easiest operation. More than 100 functions and features are literally at the tips of your fingers.



REGIUS SIGMA2 Specifications

Cassette size

14"x17" / 14"x14" / 11"x14" / 10"x12" / 8"x10" /
18x24 cm / 24x30 cm / 15x30 cm

Sampling Pitch

2Types: 87.5 µm / 175 µm

Maximum Resolution

4,020x4,892 (14"x17", 87.5 µm)

Digital Gradation Level

4096 levels (12bit)

Processing Capability

Up to 60 plates / hour (14"x17" / 175 µm)

Slots

Insertion / ejection slot x 1

Outer Dimensions/Weight

W510xD610xH355 mm / Approximately 28 kg

Power Supply Conditions

100 VA max during operation: 20 VA when not in use.

Operating Conditions

Temperature : 10-30 °C

Humidity : 15-80 %RH (No Condensation)

Readable Cassette

REGIUS CASSETTE RC-300

14"x17", 14"x14", 11"x14", 10"x12", 8"x10",
24x30 cm, 18x24 cm, 15x30 cm

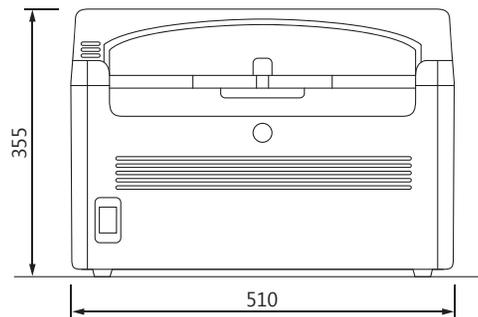
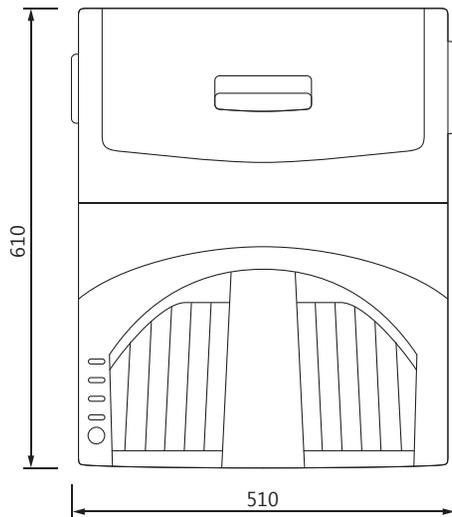
Readable Plate

REGIUS PLATE FP-1S

14"x17", 14"x14", 11"x14", 10"x12", 8"x10", 24x30 cm, 18x24 cm, 15x30 cm



REGIUS SIGMA2 Outer Dimensions



Unit : mm 1/10 scaled

Brand Name : REGIUS ΣII
Type : DIRECT DIGITIZER
Model : REGIUS SIGMA 2

* Specifications are subject to change without prior notice.



- Lowest Weight CR (approx. 28 kg)
- Power consumption is less than one tenth of prior models.
- Smallest carbon footprint - CO₂ emissions reduced by more than 64 %
(Calculated at lifecycle, compared to our conventional CR)



KONICA MINOLTA

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