



KONICA MINOLTA

# REGIUS $\Sigma$ II

*CS-7*



Giving Shape to Ideas

**REGIUS  $\Sigma$  II delivers a compact and affordable imaging solution that maintains the superior image quality and reliability expected from our REGIUS family of products. In combination with our newly designed CS-7 workstation REGIUS  $\Sigma$  II embodies a high quality, affordable table top CR solution.**

### **Konica Minolta's ultra-compact CR reader**

REGIUS  $\Sigma$  II is Konica Minolta's smallest and lightest table top CR. The ultra-compact reader has a footprint of only 0.31 m<sup>2</sup> and weighs a mere 28 kg. The small and lightweight design allows you to place the reader virtually anywhere, making it the ultimate table top CR solution.

### **High resolution**

REGIUS  $\Sigma$  II supports pixel sizes of 87.5  $\mu$ m and 175  $\mu$ m for all cassette sizes, achieving a maximum resolution of 4020x4892 pixels (14"x17" at 87.5  $\mu$ m). This gives you the opportunity to choose the optimal resolution for your workflow.



### **Easy recovery**

In the event of a plate jam, the user can easily remove the jammed plate by opening the top, back or side cover. This not only reduces downtime but also minimizes maintenance visits and service costs.

### **Powerful and eco friendly**

The powerful REGIUS  $\Sigma$  II achieves a maximum throughput of 60 plates/hour, enabling high workflow and better patient care. By using LED erasure technology the power consumption is lower than an average household light bulb.

**REGIUS  $\Sigma$  II**  
**COMPACT & AFFORDABLE**



## CS-7: A new and intelligent graphical user interface

The CS-7 features a newly developed, intuitive user interface and provides complete workflow control. Compared to the previous models it offers even more powerful features and is not only able to control the workflow of all current Konica Minolta CR systems but can also be easily upgraded to the AeroDR system.



## Full control over image quality

CS-7 supports all the standard connectivity you would expect from a high quality console, such as DICOM modality worklist, DICOM print, DICOM storage and more. The CS-7 gives you full control over image quality and allows each exam to be fully customised. Konica Minolta's smart processing functionalities enable you to optimise the acquired images to suit your standards and preferences.

## Stitching for REGIUS $\Sigma$ II

By using three standard 35x43 cm cassettes in the stitching wall-stand you can perform full leg and full spine X-ray exams for orthopedic use. The CS-7 stitching software allows you to easily align the acquired images to create one seamlessly stitched image.



# CS-7

## INTUITIVE & SMART



# Specifications

## REGIUS $\Sigma$ II

<b>CASSETTE SIZE:</b>	14"x17" / 14"x14" / 11"x14" 18x24 cm / 24x30 cm / 15x30 cm
<b>MAXIMUM RESOLUTION:</b>	4,020x4,892 (14"x17" / 87.5 $\mu$ m)
<b>DIGITAL GRADATION LEVEL:</b>	4096 levels (12 bit)
<b>PROCESSING CAPABILITY:</b>	Up to 60 plates / hour (14"x17" / 175 $\mu$ m)
<b>SAMPLING PITCH:</b>	175 $\mu$ m or 87.5 $\mu$ m
<b>OUTER DIMENSIONS &amp; WEIGHT:</b>	W510 x D610 x H355 / Approximately 28 kg
<b>OPERATING CONDITIONS:</b>	Temperature: 10-30 °C Humidity: 15-80 %RH (No condensation)
<b>READABLE CASSETTE:</b>	REGIUS CASSETTE RC-300
<b>READABLE PLATE:</b>	REGIUS PLATE FP-1S



## CS-7

<b>DICOM SUPPORT:</b>	DICOM Storage SCU DICOM Basic Grayscale Print Management SCU DICOM Modality Worklist Management SCU DICOM Modality Performed Procedure Step SCU
<b>IMAGE PROCESSING:</b>	Auto-gradation process Frequency processing (F process) Equalization processing (E process) Hybrid processing (HF process - HE process) Hybrid smoothing process (HS process) Grid removal process Automatic exposure field recognition process
<b>IMAGE OUTPUT:</b>	Host: max. 4 channels Printer: max. 2 channels



\* Specifications are subject to change without prior notice.



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