

# CDCR 5020S

## Your Simple CR Reader

*Single Cassette, Single Step Reader*

- Compact and portable design
- Excellent cost performance
- Top Image Quality
  - Wide dynamic range and latitude.
  - High contrast, Preset organ tables.
- Enhanced long life plates
  - Plates attached to the cassettes.
  - Compatible with all available plates
- DICOM 3.0 Compliant



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## Your CR Reader Ideal For:

- Veterinary
- Chiropractors
- Small to medium hospitals
- Mobile and portable imaging
- Remote sites - Teleradiology
- ICU
- ER
- Trauma centers
- Private radiology clinics
- Out-Patient clinics

## Features

- Slightly curved image plate scan.
- Ultra high throughput.
- No plate jams.
- State of the art moving system.
- High reliability



# Specification

Cassettes Sizes	Spatial Resolution	Pixel Size Matrix
35 x 43 cm (14 x 17")	10 pixels / mm	3550 x 4310
24 x 30 cm (10 x 12")	10 pixels / mm	2540 x 3048

## CR Reader

- Single cassette feed
- Throughput:
  - 35 x 43 cm (14 x 17") = approx. 60 plates/hour
  - 24 x 30 cm (10 x 12") = approx. 65 plates/hour

## Grayscale resolution

- Data acquisition: 12 bits/pixel
- Output to processor: 12 bits/pixel

## Environmental conditions

- Temperature: 15 - 30 °C (59 - 86°F)
- Humidity: 15 - 75% RH
- Rate of change of temperature: 0.5°C/minute (0.9°F)

## Regulatory

- 510K K051494 FDA Approval
- CE

## Safety

- Device Directive 93/42 EC for class 1 Device

## Dimensions and weight

- (W x D x H): 550 x 400 x 1150 mm (21.6 x 15.7 x 45.2")
- Weight: approx. 40 kg (88 lbs)

## Connectivity

- Plug And Play USB 2.0

## Power

- 200 – 240 VAC 1 Amps 50-60 Hz
- 100 – 127 VAC 2 Amps 50-60 Hz (USA)



Region	Regulation	Laser
Europe	EN 60601-1: 1990 + A1: 1993 + A2: 1995 EN 60601-1-2: 2001	EN 60825 - 1:2001
USA	21CFR part 820 GMP	FDA 21 CFR CFR parts 1040, 10 and 1040, 11

