

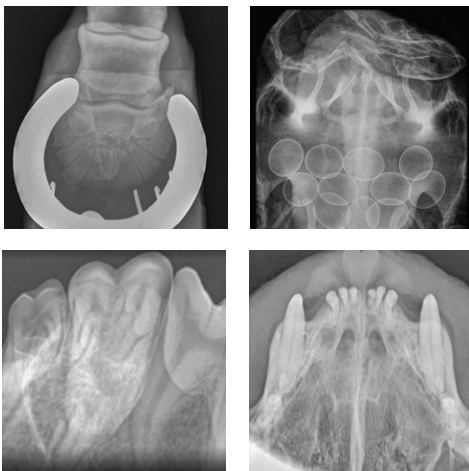
## DIGITIZER

# CR 30-X



## HIGH-VOLUME TABLE-TOP CR SOLUTION.

- High throughput
- Table-top digitizer
- Broad range of applications
- Low cost of ownership
- Horizontal cassette insertion
- Mobile
- DICOM Ethernet



Versatile high-volume digitizer, ideal for **veterinary** use and **veterinary dental** use

CR 30-X is a highly versatile high-throughput digitizer. It offers an ideal solution for any private and decentralized CR environment, especially with a high volume of imaging. CR 30-X can handle all general radiology applications and is the ideal and complete solution for veterinary and veterinary dental use.

### Full data

The CR 30-X makes no compromises in image quality: it reads imaging plates at the high resolution of 10 pixels/mm for all image plate sizes.

### Table-top

With its table-top size, the CR 30-X digitizer can be placed easily at any location. It works with dedicated cassettes and was designed with ease of use in mind, for optimal handling, comfort and maintenance. When combined with a universal X-ray shield, the CR 30-X can be used inside the X-ray room.

### Low total cost of ownership

Installing the CR 30-X can be done in a single day. With the special LED technology in the erasure unit, no additional electricity is required, so standard electrical outlets are sufficient. No preliminary electrical work means a lower set-up cost and simpler installation. With its modular, component-based design, it offers faster, easier and more cost-effective maintenance.

## NX and MUSICA<sup>2</sup>

CR 30-X is available in combination with NX, Agfa HealthCare's image identification and quality control tool, for a highly efficient and optimized radiology workflow. CR 30-X is compatible with our 'gold standard' MUSICA<sup>2</sup> image processing, which has been customized for veterinary needs to optimize images for both large and small animals.

## Cassettes with memory

CR 30-X uses dedicated cassettes with an embedded memory that stores the data entered during identification. The built-in antenna card identifies the data by no-touch radiofrequency tagging. ID data and images are linked from the beginning throughout the entire electronic processing system.



## CASSETTE SIZES

	Accepted Cassette Sizes	Spatial Resolution	Pixel Matrix Size
CR MD4.0T General Cassette	35 x 43 cm (14 x 17")	10 pixels/mm	3480 x 4248
	35 x 35 cm (14 x 14")	10 pixels/mm	3480 x 3480
	24 x 30 cm	10 pixels/mm	2328 x 2928
	18 x 24 cm	10 pixels/mm	1728 x 2328
	15 x 30 cm	10 pixels/mm	1440 x 2928
CR DD1.0T Vet Cassette with adaptor for intra-oral plates of size S0, S1, S2, S3, S4	15 x 30 cm	10 pixels/mm	1440 x 2928

# technical

## SPECIFICATIONS

### GENERAL

#### Digitizer type

- Model number: 5175/200
- Single cassette feed
- Throughput:
  - 35 x 43 cm (14 x 17") = approx. 60 plates/hour
  - 35 x 35 cm (14 x 14") = approx. 60 plates/hour
  - 24 x 30 cm (9.5 x 12") = approx. 71 plates/hour
  - 18 x 24 cm (7 x 9.5") = approx. 76 plates/hour
  - 15 x 30 cm (6 x 12") = approx. 82 plates/hour

#### Display

- LED Status Indicator
- Status and error messages on external PC monitor

#### Greyscale resolution

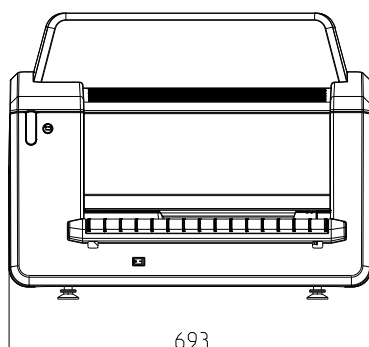
- Data acquisition: 20 bits/pixel
- Output to processor: 16 bits/pixel square root compressed

#### Dimensions and weight

- (W x D x H): 693 x 701 x 546 mm  
(27.2 x 27.6 x 21.5")
- Depth including input tray: 769 mm (30.3")
- Weight: approx. 72 kg (158 lbs)

#### Power

- 220 - 240 V/50-60 Hz  
Standby 120W, max 320W, 16A fuse
- 120V/60Hz (USA)  
Standby 120W, max 320W, 15A fuse
- 100V/60Hz (Japan)  
Standby 120W, max 320W, 15A fuse



### Configuration requirements

- CR MD4.0T General Cassette
- CR MD4.0T FLFS
- CR MD4.0 General Plate
- CR DD1.0T Vet Cassette with adaptor for intra-oral plates of size S0, S1, S2, S3, S4
- NX

### Environmental conditions

- Temperature: 15 - 30° C (59 - 86° F)
- Humidity: 15 - 80% RH
- Magnetic fields: max. 3.8  $\mu$ T in conformance with EN 61000-4-8: level 2
- Rate of change of temperature: 0.5° C/minute (0.9° F)

### Environmental effects

- Noise level: max. 65 dB (A)
- Heat dissipation: standby 120 W, max. 320 W

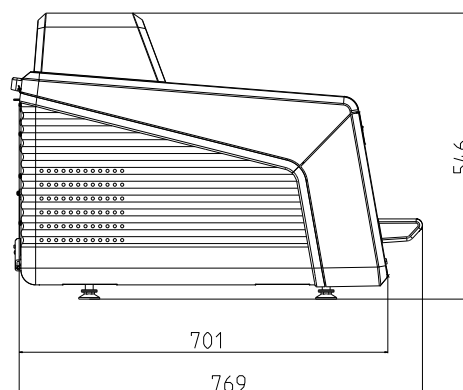
### SAFETY

#### Approvals

- UL, cUL, CE

#### Transport details

- Temperature: -25 to +55° C (-4 to 131° F),  
-25° C for max. 72 hours, +55° C for max.  
96 hours
- Humidity: 5 - 95% RH



## Why Agfa HealthCare?

Agfa HealthCare is a global leader in the fast growing market of integrated IT and imaging systems, offering healthcare facilities a seamless flow of information and a 360° view of patient care. The company has a unique, holistic approach, enabling it to provide in-depth clinical know-how and fully integrated hospital-wide solutions. These specialized solutions integrate IT and imaging systems for Radiology, Cardiology, Mammography and Orthopaedics. Agfa HealthCare's enterprise-wide IT platform integrates all administrative and clinical data within a healthcare facility and is designed to match the unique needs of specific healthcare professionals.

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Printed in Belgium

Published by Agfa HealthCare NV

B-2640 Mortsel - Belgium

5VZYH GB 00201209