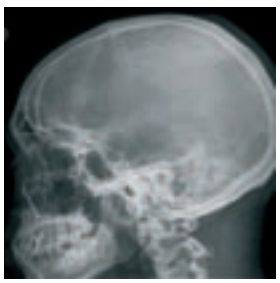
CR 30-X
Digitizer

- TABLE-TOP DIGITIZER
- BROAD RANGE OF APPLICATIONS
- LOW COST OF OWNERSHIP
- HORIZONTAL CASSETTE INSERTION
- MOBILE



NO QUALITY COMPROMISES

Broad range of applications

CR 30-X is a highly versatile digitizer. It offers an ideal solution for any private and decentralized CR environment. CR 30-X can handle general radiology and dental applications.

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 the optionally available universal X-ray shielding, the CR 30-X can be used inside the X-ray room. With a mobile kit, it is also appropriate for mobile use (vans, military, etc).

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.

AGFA HealthCare

NX

CR 30-X is available in combination with NX, Agfa's image identification and quality control tool, for the most efficient and optimized radiology workflow.

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: CR MD4.0T GENERAL CASSETTES

Accepted Cassette Sizes	Spatial Resolution	Pixel Matrix Size
Resolution		
35 x 43 cm (14 x 17")	10 pixels / mm	3480 x 4248
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

technical

SPECIFICATIONS

GENERAL

Digitizer type
- Single cassette feed
- Throughput:
  35 x 43 cm (14 x 17") = approx. 70 plates/hour
  24 x 30 cm (9.5 x 12") = approx. 84 plates/hour
  18 x 24 cm (7 x 9.5") = approx. 94 plates/hour
  15 x 30 cm (6 x 12") = approx. 99 plates/hour

LCD display
- Machine status and error conditions

Greyscale resolution
- Data acquisition: 16 bits/pixel
- Output to processor: 12 bits/pixel

Dimensions and weight
- (W x D x H): 693 x 701 x 464 mm (27.2 x 27.6 x 18.2")
  Depth including input tray: 769 mm (30.3")
- Weight: approx. 98 kg (216.05 lbs)

Power
- 220 - 240 V/50-60 Hz
  Standby 120W, max 250W, 16A fuse
- 120V/60Hz (USA)
  Standby 120W, max 250W, 15A fuse
- 100V/60Hz (Japan)
  Standby 120W, max 250W, 15A fuse

Minimum requirements
- CR MD 4.0T General Cassette
- CR MD 4.0 General Plate
- NX

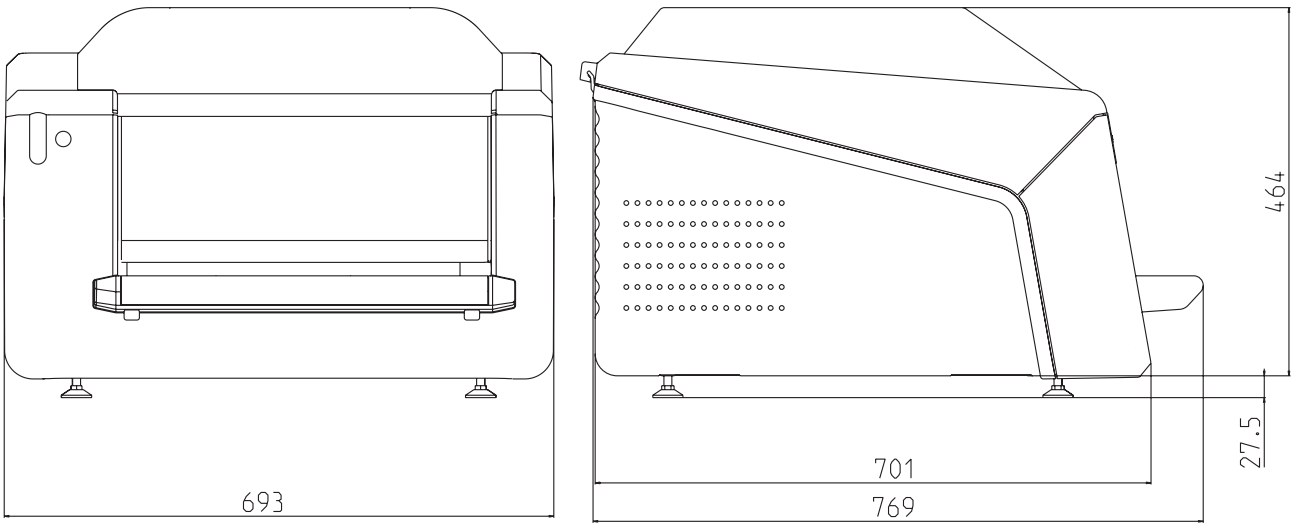
Environmental conditions
- Temperature: 15 - 30 °C (59 - 86°F)
- Humidity: 15 - 75% RH
- Magnetic fields: max. 3.8 μT in conformance with EN 61000-4-8: level 2
- Rate of change of temperature: 0.5°C/minute (0.9°F)

Environmental effects
- Noise level: max. 65 dB (A)
- Heat dissipation: standby 120 W, max. 250 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



SAFETY

Region	Regulation	X-Ray	Laser
Europe	EN 60601-1: 1990 + A1: 1993 + A2: 1995	Regulation: 1987	EN 60825 - 1:2001
	EN 60601-1-2: 2001		
USA	UL 60601-1 21CFR part 820: good manufacturing practice for medical devices	DHHS/FDA 21 CFR part 1002, subchapter B	DHHS/FDA 21 CFR parts 1040, 10 and 1040, 11
Canada	CSA22.2 No.601.1 No.601.1.2		

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