

CAWO DIGID 3.4



HIGHLY VERSATILE AND COMPACT COMPUTED RADIOGRAPHY SOLUTION OFFERING HIGH IMAGE QUALITY AND HIGH SPEED. THE AFFORDABLE, COMPACT AND FAST DIGID 3.4 DIGITIZER OFFERS AN IDEAL SOLUTION FOR DECENTRALISED HOSPITAL ENVIRONMENTS, CLINICS AND PRIVATE PRACTICES.

- Affordable for a broad range of applications
- Convenient and fast workflow, with user-controllable speed and resolution
- Robust yet easy to install and maintain
- Fits in small spaces and is suited for mobile applications
- Networking capabilities deliver seamless integration

DIGITIZER

Affordable and efficient computed radiography solution offering high image quality and high speed

The tabletop CAWO DIGID 3.4 digitizer is based on proven Agfa technology, with a modular yet robust design combining affordability with high image quality, adjustable speed and a user-tuned workflow.

Versatile, this computed radiography (CR) digitizer can handle a broad range of digital radiography applications

The total cost of ownership remains low, thanks to its ease of installation, maintenance and use, making it an affordable way to move from analog to digital. With the DIGID 3.4, small hospitals and private practices can take advantage of the convenient and fast workflow offered by digital radiography.

Balancing speed and resolution

With the DIGID 3.4, the user can choose to adjust speed and resolution depending on the needs of the exam. The user can easily overwrite the default settings for each exam, depending on the specific speed/quality priorities, study by study. Agfa's intelligent MUSICA image processing automatically optimizes image quality.



CAWO Solutions

Convenient and fast workflow

The DIGID 3.4 works in conjunction with NX, Agfa's image identification and quality control tool, for a highly efficient and optimized radiology workflow.

It comes with Agfa's gold-standard MUSICA software, which automatically handles all calibration and image processing, independently of body part and dose, optimizing the final image quality without the need for any human intervention or special training.

Robust yet easy to install and maintain

Installing the DIGID 3.4 is fast and easy. With its 'one screwdriver' concept and modular, component-based design, maintenance is faster, easier and more cost-effective, as well. Consequently, set up costs are lower and installation simpler.

Horizontal cassette insertion prevents dust and dirt from being introduced during normal operation.

Fits in small spaces and is suited for mobile

With its table-top size, the DIGID 3.4 digitizer can be placed easily at any location, no matter how small, and was designed with ease of use in mind. The DIGID 3.4 can also be fitted into cars, vans, trucks and other mobile facilities, for mobile applications. Due to the low power consumption, connection to battery can be easily realized.

Networking capabilities deliver seamless integration

The DIGID 3.4 is fully DICOM-compliant, to easily integrate with other solution elements; combining it with PACS solution for a complete softcopy solution, or with the CAWO Dry 2.4 imager for a hardcopy solution.

CASSETTE SIZES

	Cassette Sizes	Plate Sizes	Spatial Resolution
CR MD1.0 GENERAL	35 x 43 cm (14 x 17 inch)	35 x 43 cm	10 pixels/mm (including for FLFS) 6.6 pixels/mm 5 pixels/mm (including for FLFS)
	24 x 30 cm	24 x 30 cm	10 pixels/mm, 6.6 pixels/mm 5 pixels/mm
	18 x 24 cm	18 x 24 cm	10 pixels/mm, 6.6 pixels/mm 5 pixels/mm
	15 x 30 cm	15 x 30 cm	10 pixels/mm, 6.6 pixels/mm 5 pixels/mm
CR MD1.0F GENERAL	35 x 43 cm (14 x 17 inch)	15 x 30 cm	10 pixels/mm, 6.6 pixels/mm 5 pixels/mm
CR DD1.0 VET (*)	35 x 43 cm (14 x 17 inch)	s0, s1, s2, s3, s4, equine1 (63 x 180 mm), equine2 (63 x 210 mm), equine3 (90 x 220 mm)	10 pixels/mm, 6.6 pixels/mm 5 pixels/mm
	15 x 30 cm	s0, s1, s2, s3, s4, equine1 (63 x 180 mm), equine2 (63 x 210 mm), equine3 (90 x 220 mm)	10 pixels/mm, 6.6 pixels/mm 5 pixels/mm

(*) for veterinary use only

BAR CODE

In order to guarantee highest image quality, each image plate contains a bar code which contains all plate specific data.

technical

SPECIFICATIONS

GENERAL

Digitizer type

- Single cassette feed
- Throughput: Up to 102 plates/hour (depending on size and resolution)

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

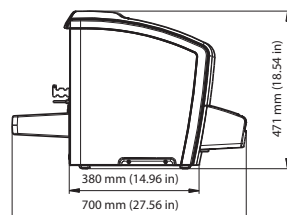
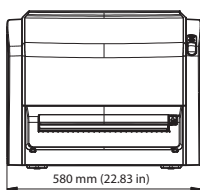
- W x D x H: 580 x 700 x 471 mm
- Depth without cassette unit and extension: 380 mm
- Weight: 29 kg

Power

- Autoranging external power supply (24 V output)
- Input:
 - 100 V - 240 V
 - < 2 A
 - 50/60 Hz
- Fuse: Europe max 16 A; USA max 15 A

Minimum requirements

- CR MD1.0 GENERAL PLATE
- CR MD1.0 GENERAL CASSETTE
- CR MD1.0 CASSETTE ADAPTER 24 X 30
- CR MD1.0F GENERAL PLATE
- CR MD1.0F GENERAL CASSETTE
- CR DD1.0 VET PLATES
- CR DD1.0 VET CASSETTE
- NX



Environmental conditions

- In line with: IEC 721-3-3 (1997): class 3K2, with the following extension:
 - Temperature: 15 - 35° C

Environmental effects

- Noise level: max. 65 dB (A)
- Heat dissipation: standby 30 W, max. 140 W

Mobile use

- In line with IEC721-3-3 (1997): 3K2 with the following restrictions:
 - Temperature: +15° C to +35° C
 - Humidity: 15 - 75 % RH (non-condensing)
 - During transport with mobile kit: in line with IEC721-3-5: 5K1 and 5M3

Transport

- In line with: IEC 721-3-2 (1997): class 2K2, with the following restrictions: -25 to +55° C (-4 to 131° F)

Storage

- Packed device shall withstand the following mechanical conditions: IEC 721-3-1: class 1M2 and IEC 721-3-2(1993): class 2M3; including sea transport
- In line with IEC721-3-1: class 1K4

SAFETY

Approvals

- CE, cNRTLus

SAFETY

General

The product has been designed in accordance with the MEDDEV Guidelines relating to the application of Medical Devices and has been tested as a part of the conformity assessment procedures required by 93/42/EEC Medical Device Directive (European Council Directive) 93/42/EEC on Medical Devices.

- ISO 13485:2003
- IEC 62366:2007

Safety

- IEC 60601-1:2005
- UL 60601-1:2003
- CAN/CSA C22.2 No 601.1-M90

Electromagnetic Compatibility

- IEC 60601-1-2-2007
- FCC Rules 47 CRF part 15 subpart B
- CAN/CSA 22.2 No 60601-1-2-08
- IEC 62304:2006
- ISO 14971:2007

Laser Safety

- IEC 60825-1:1993
- IEC 60825-1:2007

Environmental Compliance

- WEEE 2012/19/EC
- RoHS 2 Directive 2011/65/EU

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