

CAWO Digital Imaging Plates DIGIT MAGNUM Series



Tailor-made solutions for
High-Resolution applications

 **Solutions**

TECHNICAL DATA

Standard sizes

18 x 24 cm, 18 x 43 cm, 20 x 40 cm,
24 x 30 cm, 35 x 35 cm (14 x 14"),
35 x 43 cm (14 x 17"), 15 x 30 cm,
8 x 10", 10 x 12"

Further formats and special designs are available on request.

Phosphor composition

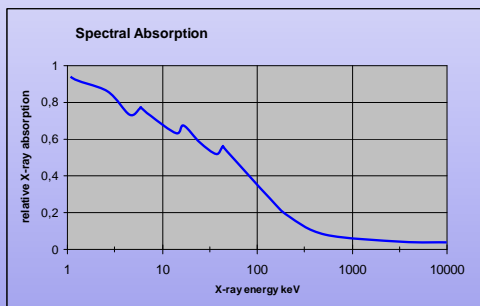
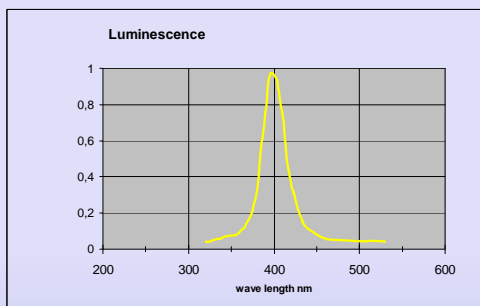
BaSrFBr:Eu

Typical luminescence 400 nm

Operation range

Temperature: 10°C - 40°C

Relative humidity: 30% - 80%



Cleaning and maintenance

We recommend regular cleaning with **CAWO Imaging Plate Cleaner**.



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Digital Imaging Plates CAWO DIGIT MAGNUM Series

CAWO DIGIT MAGNUM Series imaging plates are specially designed for High Resolution applications for General Radiology, Veterinary markets and further high-end imaging examinations.

Excellent image quality

The homogeneity of the specially designed, fine-grain-phosphor is outstanding. The response time is extremely short and the previous pixel is completely faded before the next one is stimulated. As a result, a high level of sharpness at all spatial frequencies is achieved and optimum Signal-to-Noise-Ratio (SNR) is attained.

In addition to outstanding homogeneity, high absorption efficiency is also a feature of this storage phosphor.

The special design of CAWO DIGIT MAGNUM imaging plates enables the visualization of the finest details / structures.

Long lifetime

CAWO DIGIT MAGNUM imaging plates are protected by an electron-beam-cured (EBC) top coat. This results in plates with superb resistance to mechanical wear and almost complete immunity to chemical cleaning solutions. A new adhesive layer is an additional improvement for the imaging plate's stability, guaranteeing superior durability. In addition, a special border-sealing protects the storage phosphor.

Easy evaluation

CAWO DIGIT MAGNUM imaging plates have an extremely wide dynamic range. This results in a wide tolerance for varying exposure conditions. Electronic interpretation and setting of the exposure is very user-friendly.

Tailor-made solutions

CAWO offer various Tailor-made solutions:

- Thickness and stiffness of CAWO imaging plates can be adapted to the physical requirements of the CR system of the customer.
- Resolution and sensitivity can be varied.
- Special sizes and individual shapes and designs can be supplied. CAWO cuts imaging plates with a programmable Laser-Cutting-System.

You tell us your objectives, we develop your solution.

The data in this publication are for illustration purposes only and does not necessarily represent standards or specifications which must be met by CAWO. Characteristics of the products described in this publication can be changed at any time without notice.

The logo for CAWO Solutions features the word 'CAWO' in a blue square with white text, followed by the word 'Solutions' in a large, blue, serif font.

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