

# CAWO ABS X-Ray Cassettes



strong as iron and featherweight

 **Solutions**

## The ABS X-Ray Cassette

Not everything as strong as iron is made of iron. The CAWO ABS X-ray cassette bears witness to this. It is made from Novodur®, a hard plastic with an impressive list of quality characteristics including strength, light weight and durability. Qualities that really count.

It is well known that the choice of material for an X-ray cassette is of vital significance. Such is the life cycle of an X-ray cassette, being called upon over and over again to prove itself in the most extreme circumstances. They must be able to absorb shocks. Novodur® has established just such a reputation in a variety of applications. For example, Novodur® is widely implemented in the automobile and aerospace industries. Additionally the special rib structure provides an even greater strength. The ABS cassette lasts a long time ... and that is to your advantage.

When one considers that this kind of durability comes in a cassette that is lighter than conventional metal cassettes, then of course the handling of the cassettes becomes much more comfortable. Sturdy, yet lightweight. A valuable combination found in CAWO ABS cassettes.

### Magnetism for sharp images

By virtue of a specially designed magnetic system, the ABS cassette provides uniform contact between the film and the screens. The back screen is mounted on a magnetized rubber cushion. The tube side screen is mounted on a steel foil. The magnetic attraction between the magnetized rubber and the steel foil holds the screens and the film tightly together. And the result is an image which is sharper than ever. In addition, magnetism is both fail-proof and permanent. A twofold advantage then. Reliable image quality and long life of the cassette.



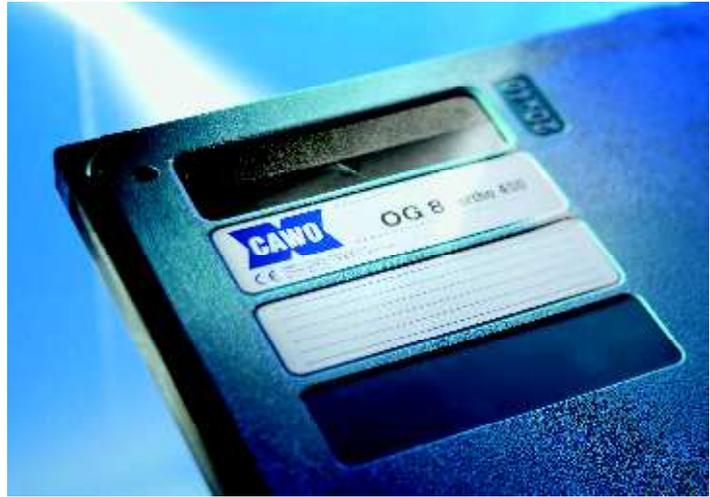
### Practical maintenance

The life of ABS cassettes is further enhanced by a design which is easily repairable. The closing mechanism and the hinge are easily replaced with the help of a simple screwdriver and are available from CAWO as replacement parts.



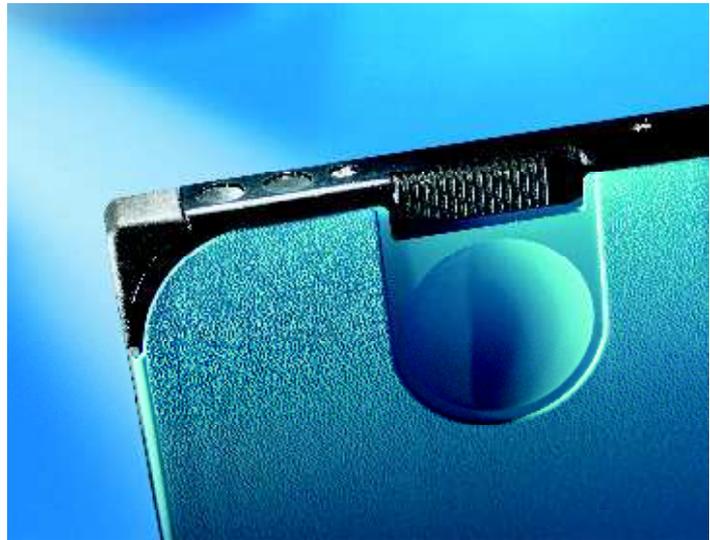
### **ID window**

CAWO can, if desired, supply cassettes with an ID window. With the CAWO ID Camera or with a similar identification camera you can easily specify all necessary patient data onto the film.



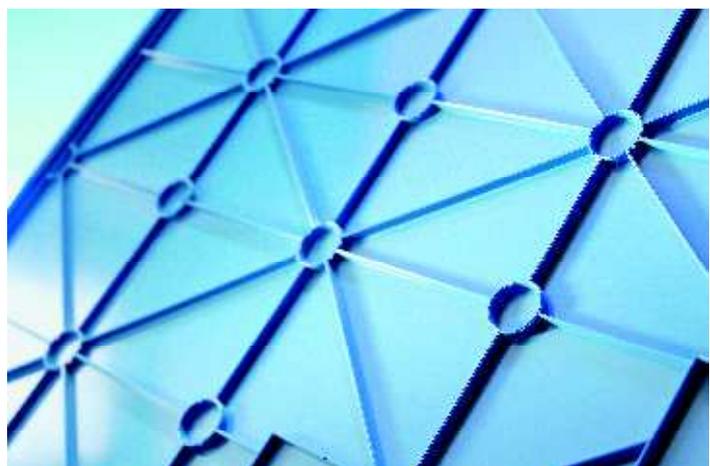
### **Tough body, light weight**

The ABS cassette is 30% lighter than metal cassettes. It is injection-moulded from rugged Novodur®, combining rigidity and durability with minimum weight. The ABS cassette is not only known for its basic unique design and construction. Consider also the unique rubber corners and extra secure locking features, both ensuring that cassettes do not pop open – even in the event of accidentally being dropped.



### **Quality in all situations**

Novodur® is a particularly temperature-resistant material, bearing up well under extremes in climatic conditions. Another plus for the reliability and the life expectancy of the ABS cassette. This applies in whatever part of the world you want to use them and in whatever situations.



## Metric

13 x 18 cm	24 x 30 cm
15 x 30 cm	30 x 35 cm
18 x 24 cm	30 x 40 cm
18 x 43 cm	35 x 35 cm
20 x 40 cm	35 x 43 cm

## Imperial

5 x 7 in	11 x 14 in
7 x 17 in	14 x 14 in
8 x 10 in	14 x 17 in
10 x 12 in	

A wide range of secondary radiation grids, aluminium **CAWO MMS Cassettes** for long formats and grid applications, blue and green-emitting intensifying screens, accessories, equipment ensure tailor made solutions for every radiologic application.

**Business Contact:**  
**CAWO Solutions**  
P.O. Box 11 29  
D - 86521 Schrobenhausen  
Phone: (+49) 8252 9109-0  
Internet: [www.cawo.com](http://www.cawo.com)  
E-mail: [cawo@cawo.com](mailto:cawo@cawo.com)

X-ray absorption at 60 kV: 1.35 mm Al eq

Weight (35 x 43 cm): 1.6 kg

Option: Identification window with mechanical lock  
Exposed area on film: US version 53.5 x 23.5 mm  
EU version 53.5 x 13.8 mm

CAWO ABS cassettes comply with the requirements of the Council Directive 93/42/EEC (Medical Devices) and carry the **CE** mark. They are in conformity to the international standard DIN ISO 4090: 2004-08.



The **DIGIDCAM 2nd** is CAWO's advanced digital ID Camera, enabling you to print patient data digitally. Compatible with all 15mm cassettes with standard ID window.

Characteristics of the products described in this publication can be changed at any time without notice.

Printed in September 2012



**Solutions** **CE**