

Cleaning the image plate and tray of CR MD4.0T and CR MM3.0T

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Cleaning the Tray and Image Plate



Note: Please make sure that the tray and image plate set always goes into the same cassette when cleaning. It is important that an image plate is not put together with a tray initialized for another image plate.

Topics:

- *When to clean the tray and image plate?*
- *Permitted cleaning products?*
- *How to clean the tray and image plate?*

When to clean the tray and image plate?

The inner lining of the cassette is made of fleece. This ensures a high degree of protection against electrostatic charging and dust collection on the image plates. Nonetheless it is recommended to clean the image plates of the CR MD4.xT at least once every month or whenever there is doubt about particles visible on the X-ray images. More frequent cleaning is required in case of excessive dust or under very dry conditions.

The CR MM3.xT image plate requires a more frequent cleaning: at least once a week or after every 200 cycles (whatever comes first).

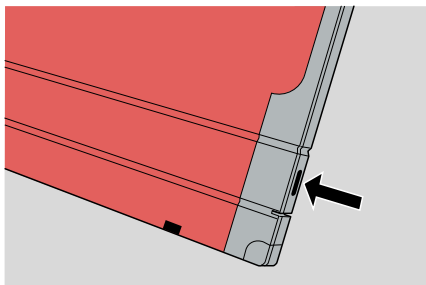
Permitted cleaning products?

- For CR MD4.xT General image plates only use AGFA CR Phosphor Plate cleaner and a soft lint-free cellulose cloth or Polynit wipes to clean the image plate.
- For CR MM3.0T Mammo image plates only use AGFA CR Phosphor Plate cleaner and Polynit wipes to clean the image plate.
- Use only a dry cloth or blow away possible dust with compressed air to clean the tray.

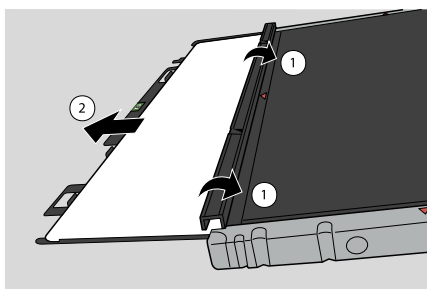
How to clean the tray and image plate?

To clean the tray and image plate:

1. Insert a key or a pen into the cassette lock to open the shutter.

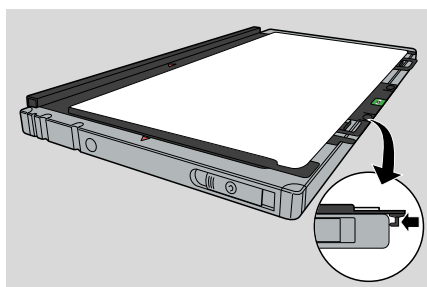


2. Remove the key or the pen.
3. Turn the cassette around, so that the black tube side is above.
4. Hold back the shutter with both thumbs and let the black tray and image plate slide out carefully onto the table.



5. Put the black tray with the image plate onto the cassette, as shown in the figure below.

The tray has 2 little hooks. Put the tray onto the cassette in such a way that the hooks reach over the border of the cassette. This to avoid a bending of the tray and image plate.

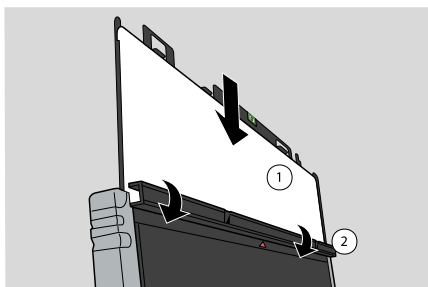


6. Clean the image plate and the tray as follows:

- Take an appropriate wipe or moisten the cloth with cleaner and wipe the **image plate surface** softly and evenly.
- Leave the **image plate surface** to dry for about 10 minutes to allow the solvents to evaporate.
- Use only a dry cloth or blow away possible dust with compressed air (canned air), to clean the **tray** thoroughly. (DO NOT USE A SCREEN CLEANER TO CLEAN THE TRAY.)
- Once the image plate surface is dry (after about 10 minutes), check once again for particles of material and other impurities before placing the tray and image plate set into the cassette.

7. Put the tray with the image plate back into the cassette.

Verify that the white phosphor side is oriented to the black tube side of the cassette and that the shutter does not scratch the image plate.



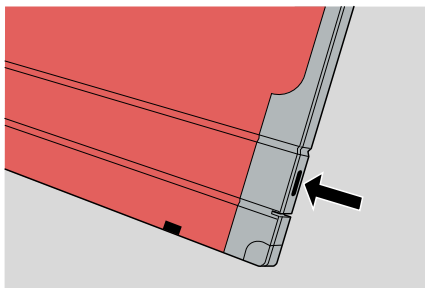
1. White phosphor side
2. Black tube side of the cassette



Warning: Make sure to slide in the image plate carefully. Do not let the plate fall down vertically into the cassette! This causes damages of the phosphor.

8. When the black tray with the image plate is completely inside the cassette, close the shutter.

To close the shutter easily, insert a key or a pen into the cassette lock while closing the shutter. Once closed, remove the key or the pen.



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Note: After cleaning it is necessary to erase the image plate before use.