

1 Retrieving patient info

Worklist

Examination

Editing

■ Retrieve patient info from the RIS (select a patient and click Start Exam).

Start Exam

OR

■ Click New Exam and enter the patient data manually (for example if the RIS is unavailable).

New Exam

2 Selecting the examinations

Worklist

Examination

Editing

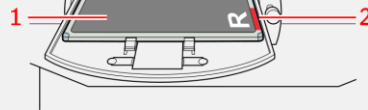
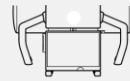
■ Use Add Image to select the examinations for the exam. If your system is configured to interpret protocol codes, the exams may be preselected.

Add Image

3 Inserting the cassette in the bucky

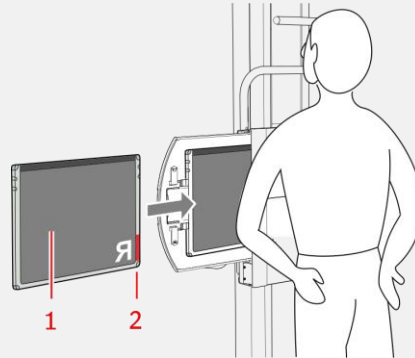
Below some examples to illustrate the importance of the cassette orientation.

■ Skull AP Portrait



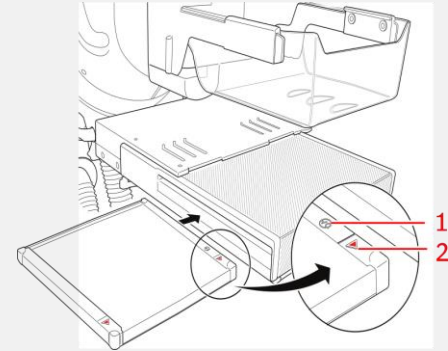
- 1 Black tube side of the cassette
- 2 Red cassette orientation marker

■ Chest PA Landscape



- 1 Black tube side of the cassette
- 2 Red cassette orientation marker

■ Mammography



- 1 Label indicating tube side of the cassette
- 2 Red cassette orientation marker, pointing towards the chest wall side

3 Identifying the cassettes

■ Insert the cassette into the ID Tablet:



■ Select the image and click ID.

ID

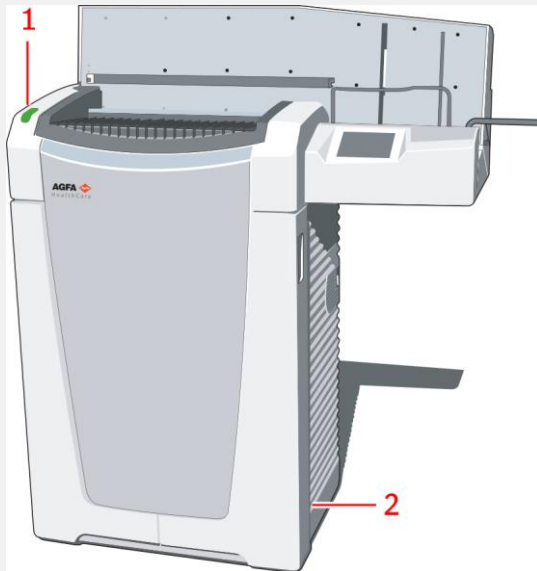
Depending on your configuration, the ID may be performed automatically when you insert the cassette into the ID Tablet.

In the images an ID icon will appear.

You are free to perform X-Ray exposures before or after identification.

5 Switching on the Digitizer

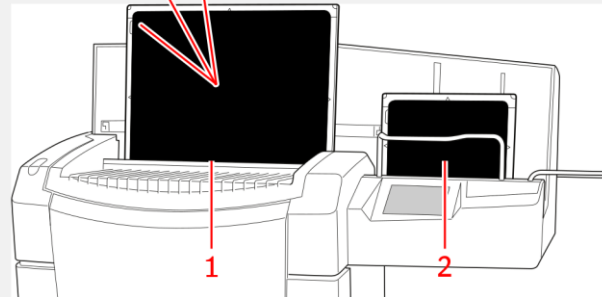
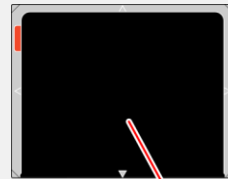
Press the main switch on the digitizer. When the digitizer is ready for operation, the status indicator lights up in continuous green.



- 1 Status indicator
- 2 Main switch

6 Digitizing the images

- Insert the cassette in the Digitizer.
- Put the cassettes with the exposed and identified image plates in the input buffer on the left side of the digitizer.
- Make sure that the shutter opening and locking mechanism point down and that the tube side of the cassette faces the operator.



- 1 Input buffer
- 2 Output buffer

- While the cassettes are being digitized, the status indicator is green and blinking.
- The image will appear in the image overview of the NX workstation.

7 Performing quality control

- You may need to close the Add Image window.
- Assess the image quality and prepare the images for diagnosis (e.g. by using L/R markers or mirroring or rotating images).
- If all images are OK, you can Close and Send them.
- Depending on the configuration, the images will be sent to a hardcopy printer or PACS (Picture Archiving and Communication System).

Close and
Send

8 About extensive Editing possibilities

Worklist

Examination

Editing

- In the Editing tab, you have a wide number of annotation, image processing (window level) and print functions.

9 Stopping the Digitizer

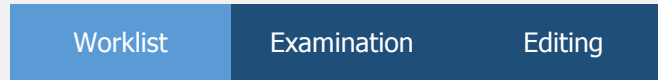
- Before switching off, check that the digitizer is not scanning an image plate.

- To switch off, press the main switch on the digitizer

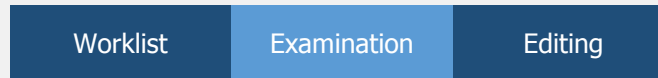
It is recommended to switch off the digitizer at the end of the day.




Note that the digitizer takes approximately 3 minutes to switch on again. During that time, emergency digitizing is not possible.

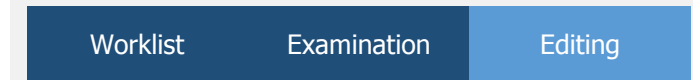
Main buttons







Emergency Exam	Open a emergency exam without patient details
Query RIS	Query RIS (refresh the RIS worklists) before starting selecting patients.
Reuse Patient Data	Reuse patient data for a new exam.



	Rotate and flip images.
	Show/hide black border
	Add a left or right marker on an image.
Reject Image	Reject an image if the quality of the image is unsatisfactory.



	Manually adjust the global contrast and the intensity of an image (Window/Level).
	Invert saturated parts of the image, i.e. white is displayed as black and vice versa (Burn).
	Manually indicate the collimation borders on the image and command NX to reprocess the image accordingly (manual collimation).
	Switch between Softcopy and Hardcopy mode.