

SPOT SDA

The preset number of frames are acquired individually, and combined into the single image.

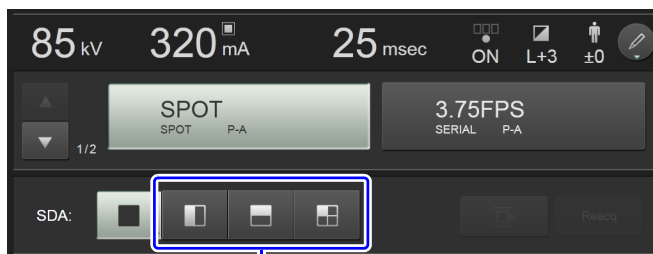


NOTE

In spot SDA, SDA automatically finishes and automatic post-processing is started after a set number of sectional frames have been taken.

This can also be set so that radiography continues after the set number of sectional frames have been taken or SDA finishes when a set number of frames have been taken after continuing. Contact a Shimadzu service representative if you wish to do so.

- 1 Select the desired protocol on the touch panel or on the operation panel.
- 2 Press the desired SDA mode button on the touch panel.
You will hear a short, high-pitched sound and the button will be highlighted.

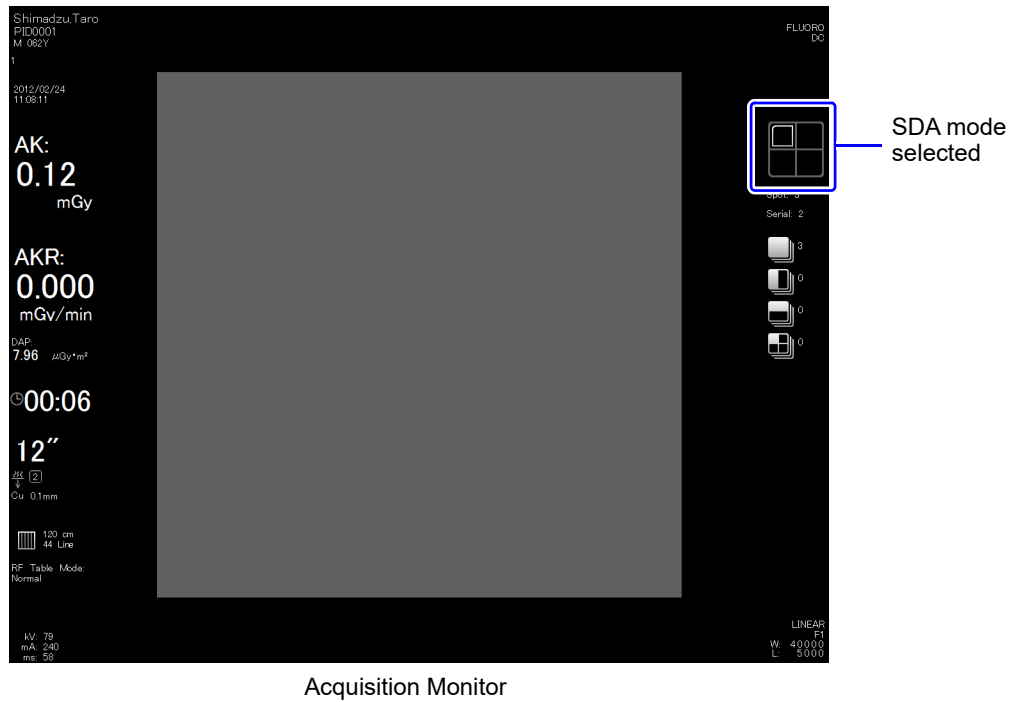


Press the desired SDA mode button.

SDA Mode	Function
	Switches to the horizontal 2 division mode.
	Switches to the vertical 2 division mode.
	Switches to the 4 division mode.

4.12 Fluoroscopy and Radiography Using FPD in X-ray Diagnostic Table

The acquisition-status display shows the SDA mode selected on the acquisition monitor.
(example: 4 division mode)

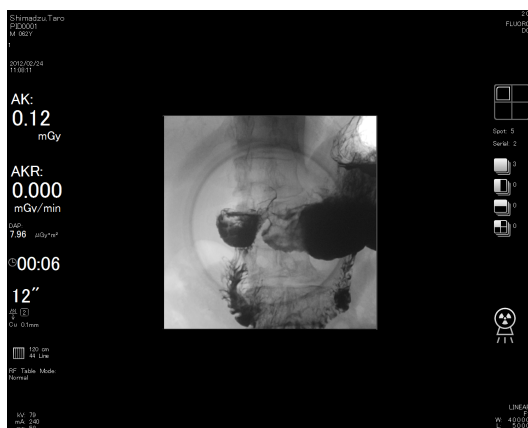


- 3 Step on the fluoroscopy foot switch.
The fluoroscopy image and  appear on the acquisition monitor.
Determine the position by using the control lever on the remote console (when required).



- 4 Hold down the radiography button of the control lever on the remote console until you hear the short, high-pitched sound.

The irradiation starts and the  appears on the acquisition monitor. Then the frame acquired appears in the frame size of the selected SDA mode on the acquisition monitor and is allocated in the format of the selected SDA mode on the reference monitor.



Acquisition Monitor



Reference Monitor



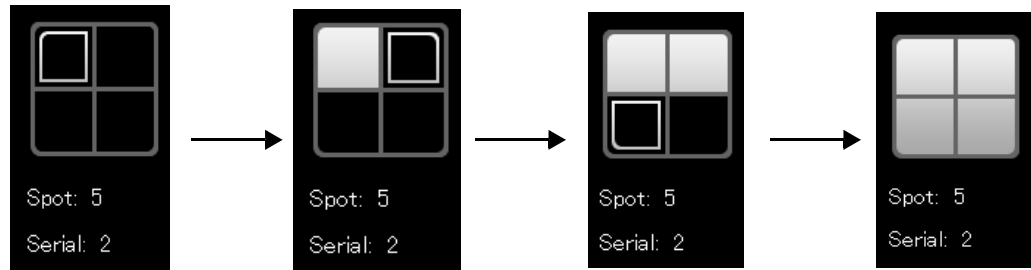
- The density of each acquired frame can be adjusted using the reference monitor.
- After the first frame has been taken, the following operations cannot be performed until all frames have been taken.
 - Changing field size
 - Vertical or horizontal reversal

- 5 Repeat step 3 and 4 until all the frames in the selected SDA mode are acquired.

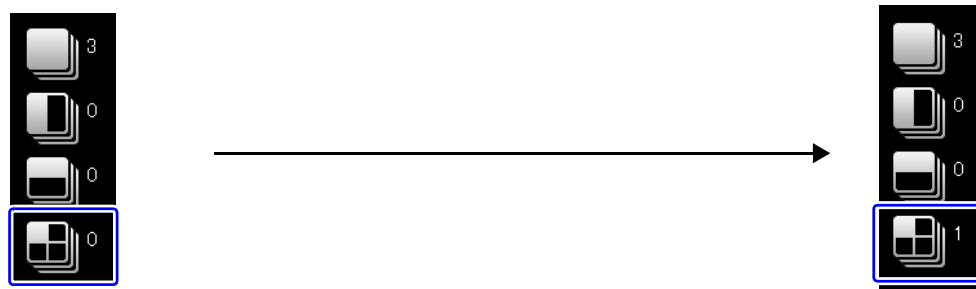
The acquisition-status display shows the current status as follows:

(Example: 4 division mode)

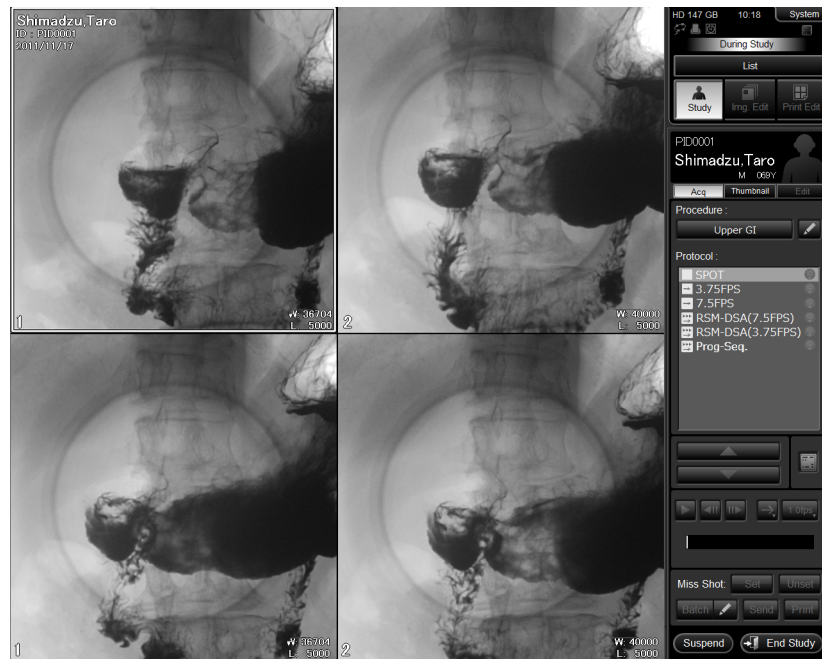
The frame format of the selected SDA mode will be filled as the frame is acquired.



When all frames are acquired, the image counter for the selected SDA mode increases by one.



When all frames are acquired, the frames are automatically combined and displayed on the reference monitor.



Hint The [Reacq] button on the touch panel is enabled during frame acquisition. To acquire the frame again, press [Reacq].