

EU-ME2 Premier Plus Quick Reference Guide - Advanced Modes

CAUTION: This quick reference guide is only a summary of the EU-ME2 Premier Plus Instructions for Use. For detailed operating instructions, be sure to follow the EU-ME2 Premier Plus Instruction Manual included with your EU-ME2 Premier Plus purchase.

Tissue Harmonic Echo (THE) Mode

- 1 Select the **MAIN MENU** tab on the LCD touch panel.
- 2 Touch any one of the three **THE** buttons to change modes (**OFF**, **THE-P** or **THE-R**).
- 3 When the THE function is on, the frequency indicates **THE-P** or **THE-R**.

- * THE-P: Penetration priority mode. This mode increases the penetration of the ultrasound waves, allowing for better visualization of objects from near to far
- * THE-R: Resolution priority mode. By enhancing the resolution of the image, this mode makes it easier to observe objects in the near field.
- * The **THE-P** or **THE-R** button is selected on the LCD touch panel when the THE function is on.
- * The **ENHANCE** function is automatically disabled when the THE function is on. An enhancement-coordinating setting can be selected through the menu.



THE-P



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Elastography (ELST) Mode

- 1 Visualize the target for stiffness evaluation in the B mode image.
* **Note:** Make sure the target is displayed right below the ultrasound transducer.
- 2 Select the **MAIN MENU** tab on the LCD touch panel.
- 3 Press the **ELST** button and the mode is switched to the Elastography mode.
* The LCD touch panel automatically switches from **MAIN MENU** to **ELST MAIN**.



- 4 Adjust the size and location of the ROI (region of interest) so the target is within the ROI.
* Adjust the ROI to include the entire target lesion. The ROI should not include other objects such as other organs, ducts or vessels.

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Adjustment by the Trackball

- 1 Using the **trackball**, adjust the ROI position.
- 2 Press the **SET** button and use the **trackball** to adjust the ROI size.
- 3 To readjust the ROI position, press the **SET** key again.



Adjustment by the Touch Panel

- 1 Select **LOCATION** or **SIZE** on the touch panel.
- 2 Use the **ROI** buttons to, adjust the ROI size and position.



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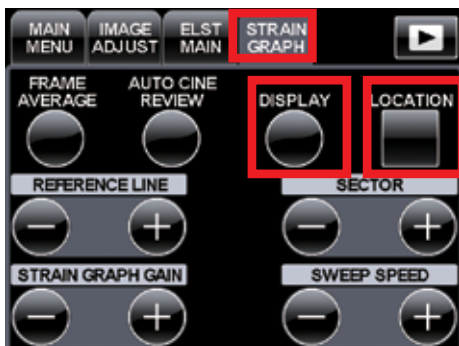
Strain Adjustment

- 1 Press the **STRAIN ADJUST** buttons to adjust the sensitivity of the ELST mode image.



Strain Graph Display

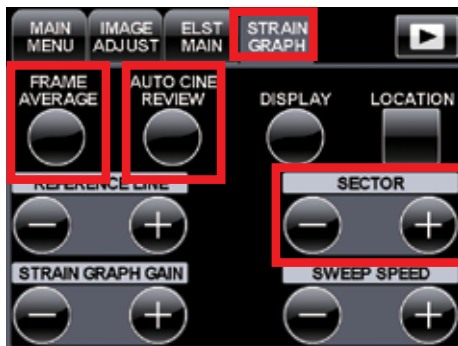
- 1 Select the **STRAIN GRAPH** tab and the **STRAIN GRAPH ADJUSTMENT** menu appears.
- 2 By pressing the **DISPLAY** button, the Strain Graph can be displayed or hidden.
- 3 By pressing the **LOCATION** button, the location of the Strain Graph can be changed.
* There are 2 options for the location of the Strain Graph: in the field of view or under the sector scan.



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Strain Graph Adjustment

- 1** The **SECTOR** buttons adjust the width (on the time axis) of the Strain Graph to be referenced in **AUTO CINE REVIEW** and **FRAME AVERAGE**.
- 2** The **FRAME AVERAGE** button displays the average elasticity image of the time length set with the **SECTOR** buttons.
* If the **FRAME AVERAGE** button is pressed again, the length of time is reset.
- 3** The **AUTO CINE REVIEW** button repeatedly displays the cine memory images in the time length set with the **SECTOR** buttons.
* If the **AUTO CINE REVIEW** button is pressed again, the cine memory stops.



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