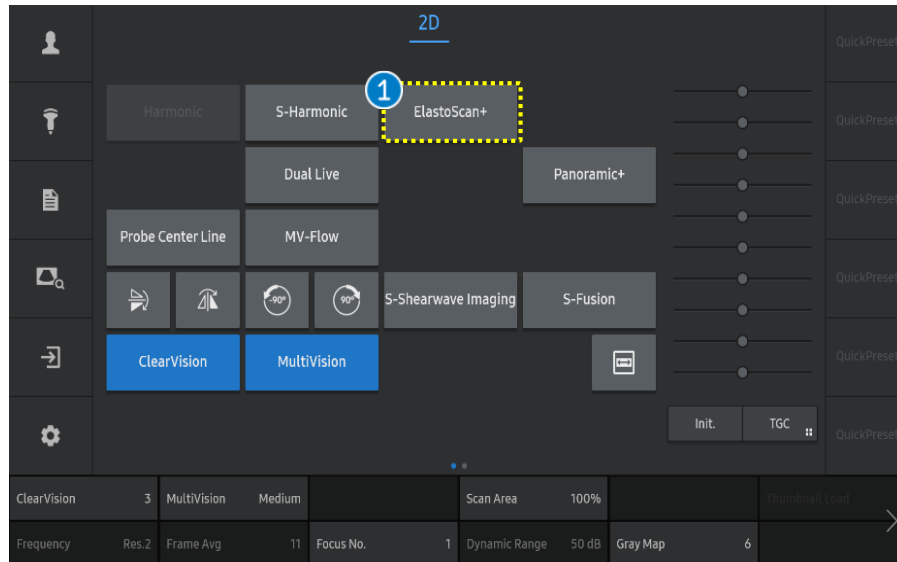


E-Breast™

RS85 Prestige Quick Guide

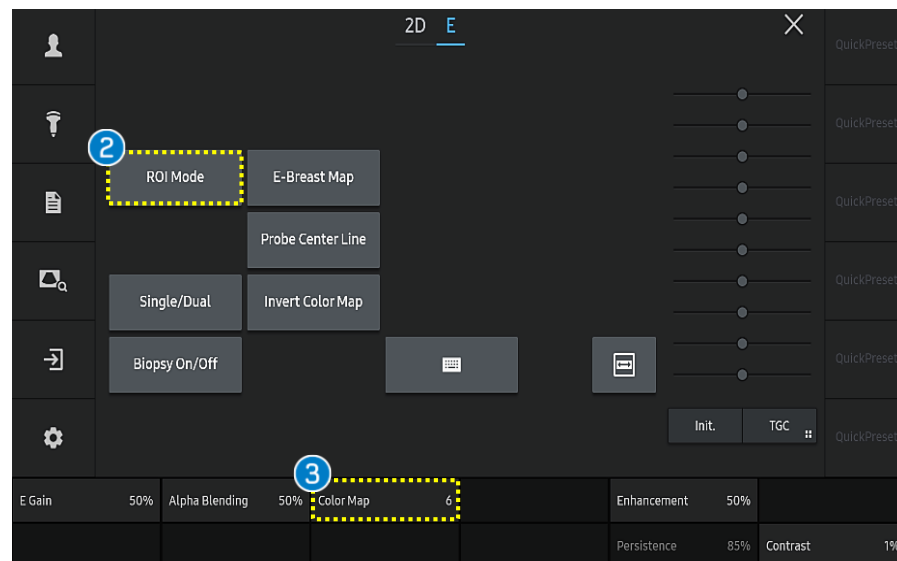


1. Start to E-Breast™ (1)



1 Elastoscan+

Tap the [ElastoScan+] button on the touch screen to start E-Breast™.



2 ROI mode

Deselect the [ROI Mode] before accessing the [E-Breast].

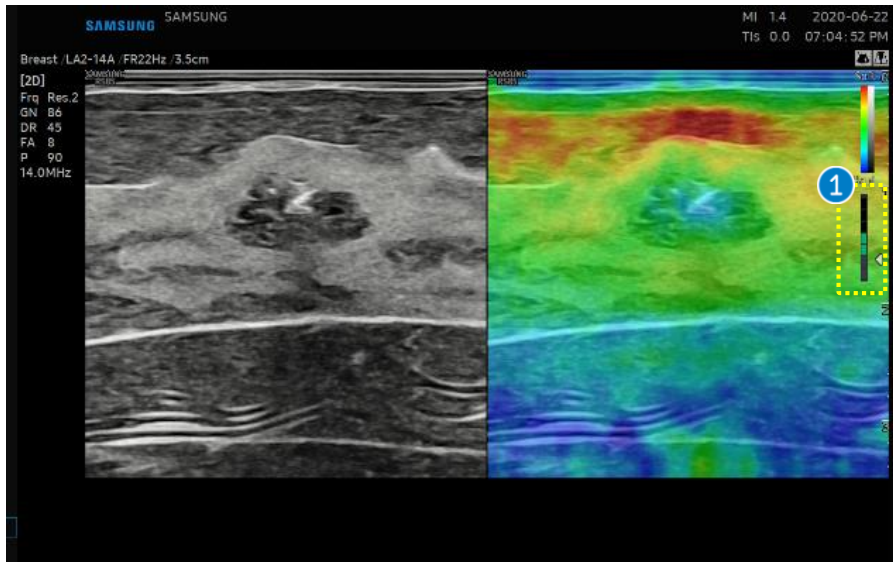
3 Color map

The Elastoscans color bar represents stiffness of tissues. The color map can be changed.

Notes

The E-Breast™ is a tool to measure strain based on 1 ROI method. To access the E-Breast™, the [ROI Mode] should be turned off the Elastoscans +.

2. Start to E-Breast™ (2)

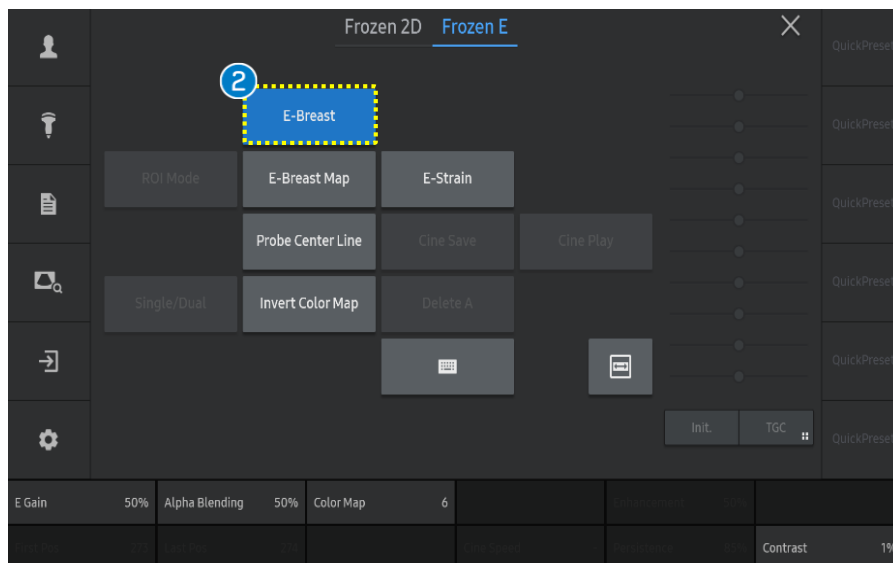


① Compression guide bar

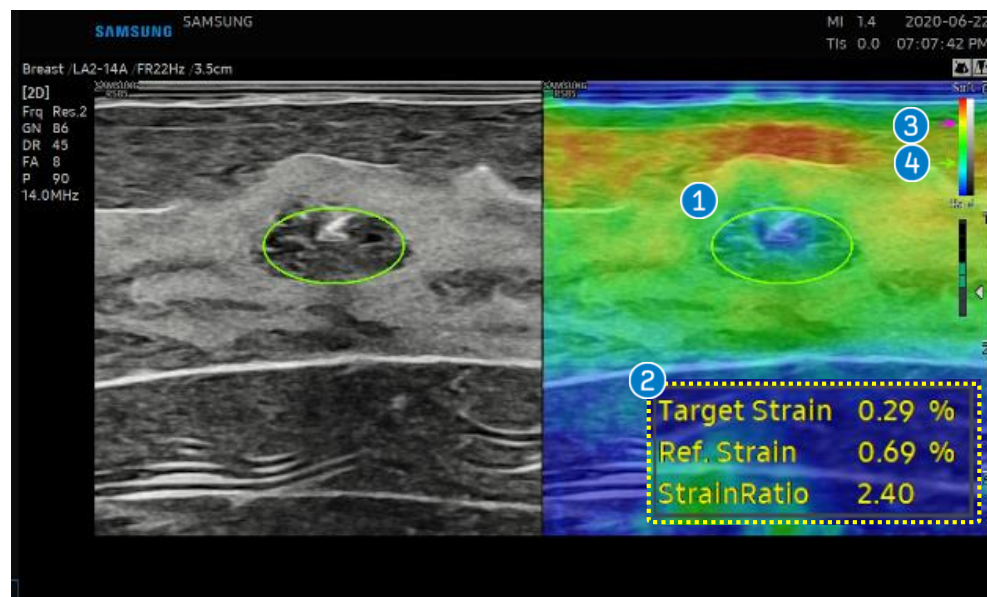
Use gentle compressions with the probe while imaging the breast. Capture the image when the compression guide bar is between Level 3 and 5 (indicates proper compression speeds).

② E-Breast

Tap the [E-Breast] button on the touch screen to measure the elasticity value (Strain ratio).



3. Results of E-Breast™



Notes

When placing the ROI on the 2D image, adjust it tightly to the lesion.

① Place the ROI

Place the ROI on the suspicious area and press the [Set] button on the control panel.
If necessary, adjust the position and size of the ROI with the trackball.

② Result

- Target strain is calculated based on the ROI circle (not supported in the USA and Canada).
- The average strain value is calculated based on the area outside the ROI. (not supported in the USA and Canada)
- Strain ratio = $\frac{\text{Reference Strain}}{\text{Target Strain}}$

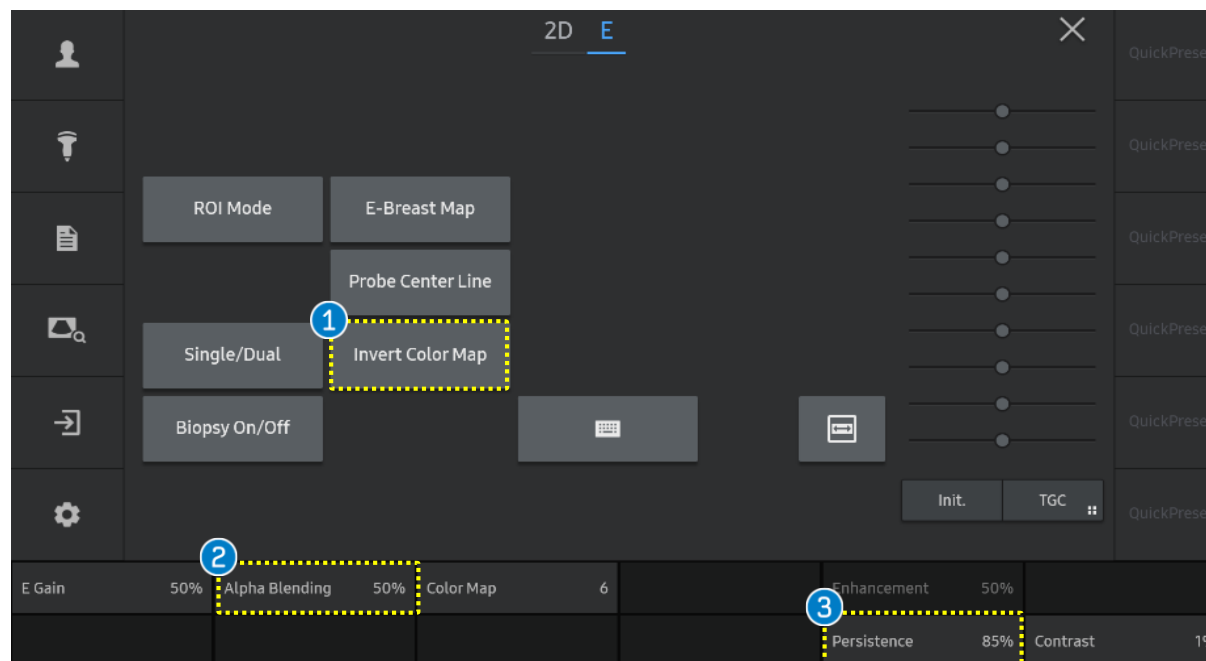
③ The Pink arrow

The pink arrow indicates the average strain of the normal tissue (Reference strain).

④ The Green arrow

The green arrow indicates the average strain within the ROI circle (Target strain).

4. Adjust parameters



1 Invert Color Map

To reverse the color map, tap the [Invert Color Map] button on the touch screen.

2 Alpha Blending

This feature superimposes the E-mode image over the 2D image.

Setting it to 0% shows an E image only, and setting it to 100% shows a 2D image only.

3 Persistence

The feature controls the E-Strain frame average.

Changes in persistence level will affect the strain value due to the change in the number of frames being averaged.

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- The features, options may not be commercially available in some countries.
- Sales and shipments are effective only after the approval by the regulatory affairs. Please contact your local sales representative for further details.
- This Quick guide does not include all of the details of instruction, for more detail, please refer to RS85 User Manual.
- Do not distribute this document to customers unless relevant regulatory and legal affairs officers approve such distribution.
- This User Quick Guide is based on RS85 V2.08.
- Disclaimer: Some Images in this content were obtained from other system.

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