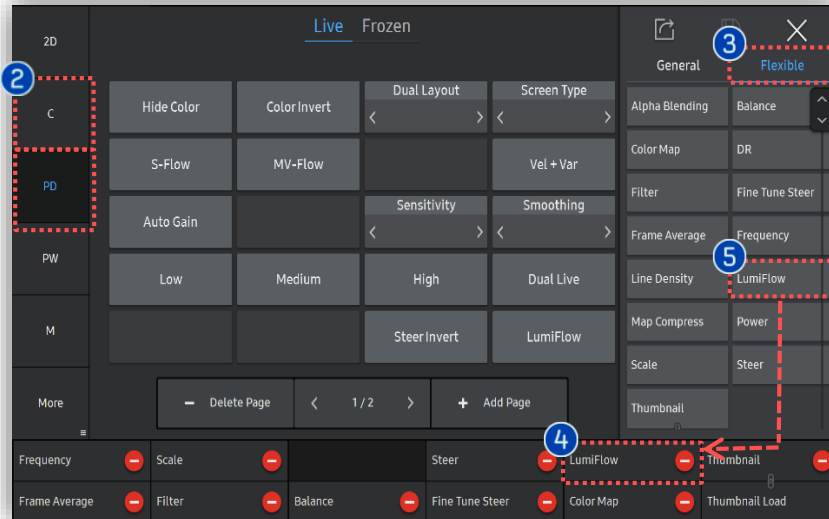
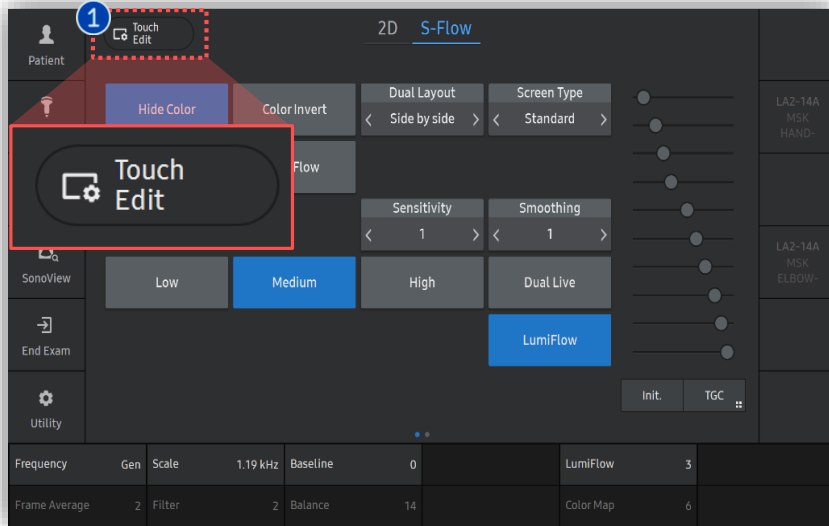


LumiFlow™

V Series Quick Guide



1. Touch Customize for LumiFlow™



<p>1 Touch Customize</p>	<p>Tab the [Touch Customize] button placed on the top left of the touch panel.</p>
<p>2 Select an Image mode</p>	<p>Select eac3h Doppler mode. (C/PD/MV-Flow)</p>
<p>3 Flexible Menu</p>	<p>Tab the [Flexible menu] to customize the button arrangement on the flexible menu.</p>
<p>4 Arrange the Flexible menu</p>	<p>In order to locate the [LumiFlow] button on the 1st page of flexible menu, make a room on it by deleting one of parameters.</p>
<p>5 Locate the LumiFlow</p>	<p>Locate the [LumiFlow] button on the 1st page of touch screen so that user can frequently activate it on Doppler mode.</p>

★ Tips

Since LumiFlow can be activated on the both Live and Frozen status, it's recommended to perform the "Touch Customize" job on the both modes.

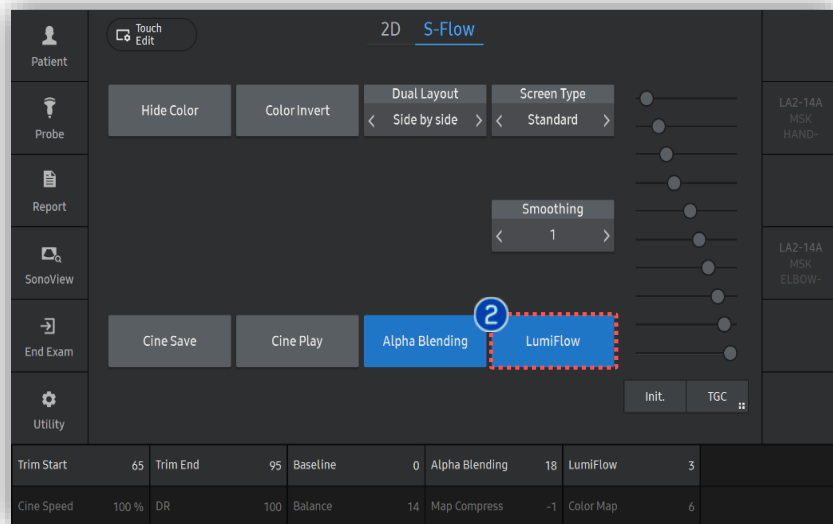
2. Flow image acquisition



1 Flow Image acquisition

Acquire a flow image with the structure you wish to apply LumiFlow.

3. Apply LumiFlow™



LumiFlow provides a 3D-like appearance to all of flow imaging mode. By applying the LumiFlow mode, it can help you to easily observe the hemodynamic flow within the vascular structure.

2 LumiFlow

Tab [LumiFlow] button on the touch screen to apply the LumiFlow mode on the frozen image and live scan.



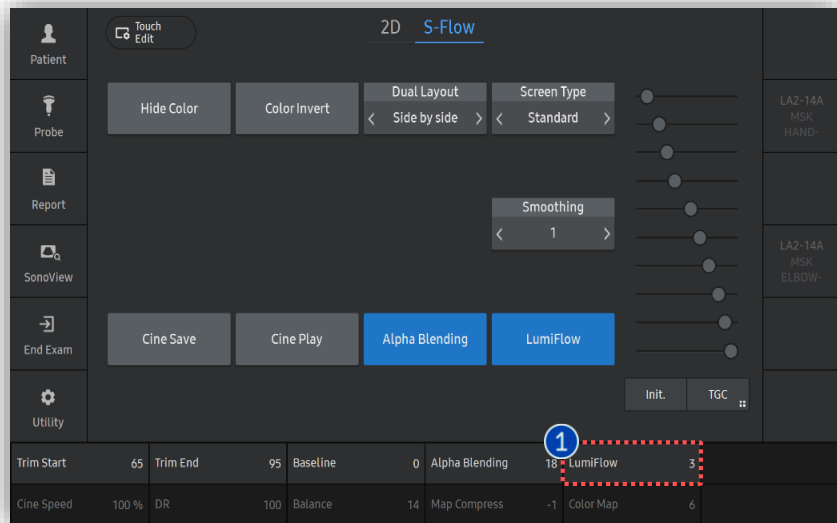
[S-Flow]



[After applying the LumiFlow on S-Flow]

LumiFlow™

4. Each Flow mode with LumiFlow™



① Each Flow mode with LumiFlow

LumiFlow is applicable to each flow imaging mode to provide a volumetric visualization effect on it. Also, LumiFlow is available on both the Live mode and Frozen mode.



[Color Doppler with LumiFlow]

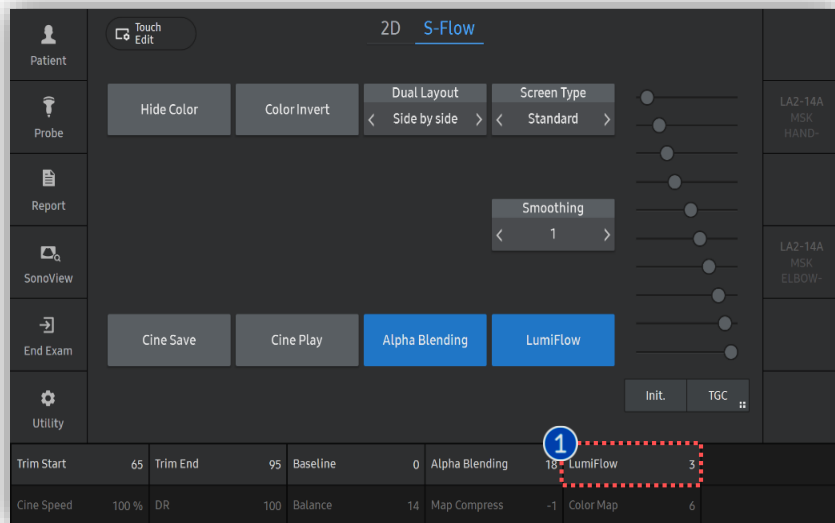


[S-Flow with LumiFlow]



[MV-Flow with LumiFlow]

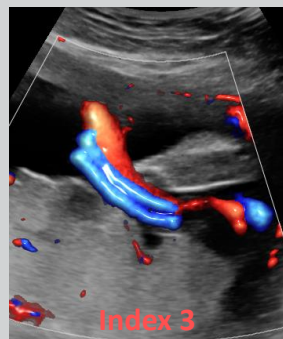
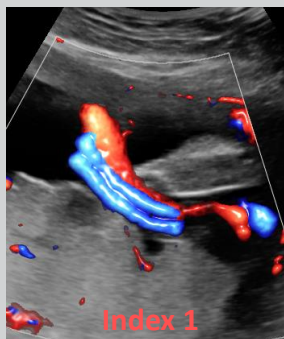
5. Adjust the Index of LumiFlow™



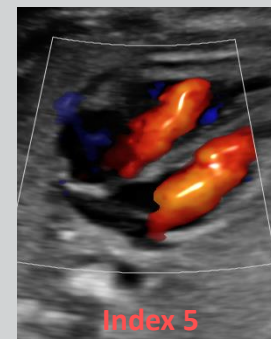
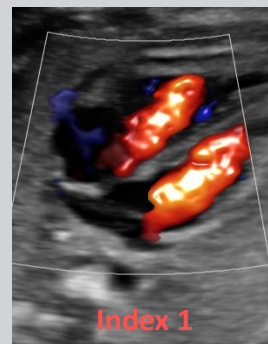
① Adjust Index (1-5)
 You can adjust the index value depending on the vessel size and characteristics.

Low Index (1-2)
 The lower index value is more appropriate for imaging the tiny vessels due to its more detailed expression.

High Index (3-5)
 The higher index value is more appropriate for imaging the relatively large vessels and heart chambers due to its smoother expression.

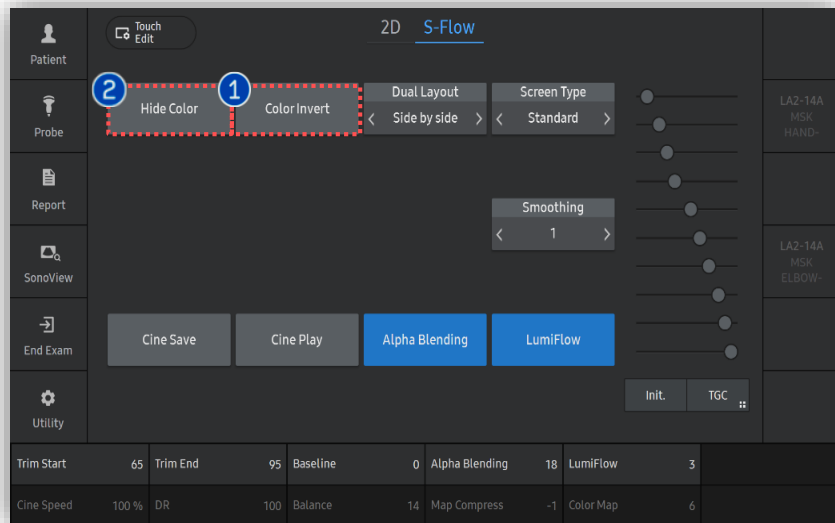


[Umbilical Cord]



[Fetal Heart]

6. Display LumiFlow™



① Color Invert

As you tab [Color Invert] button on the touch screen, the color bar is inverted, which also inverts the displayed color image.

② Hide Color

Color images are not displayed so that you can observe the background grayscale image without overlaid color display.



[Color Invert]



[Color Off]

- 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 V series 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 V series V1.05.
- Disclaimer: Some Images in this content were obtained from other system.

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