

EU-ME2, EU-ME2 Premier Plus Quick Reference Guide - FLOW Mode

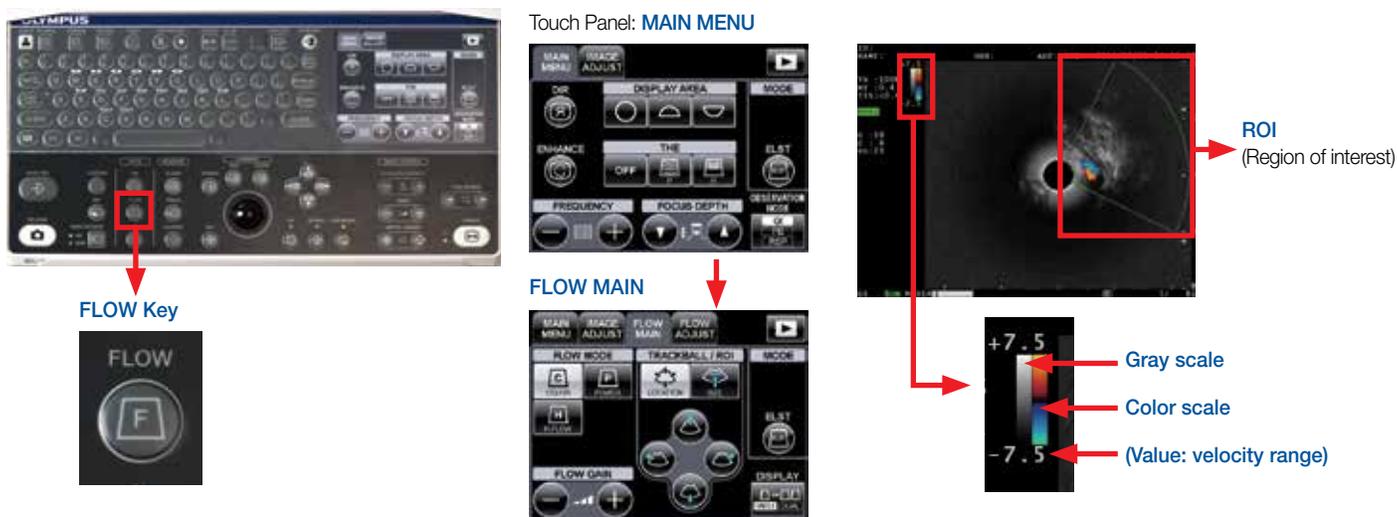
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FLOW Mode - General

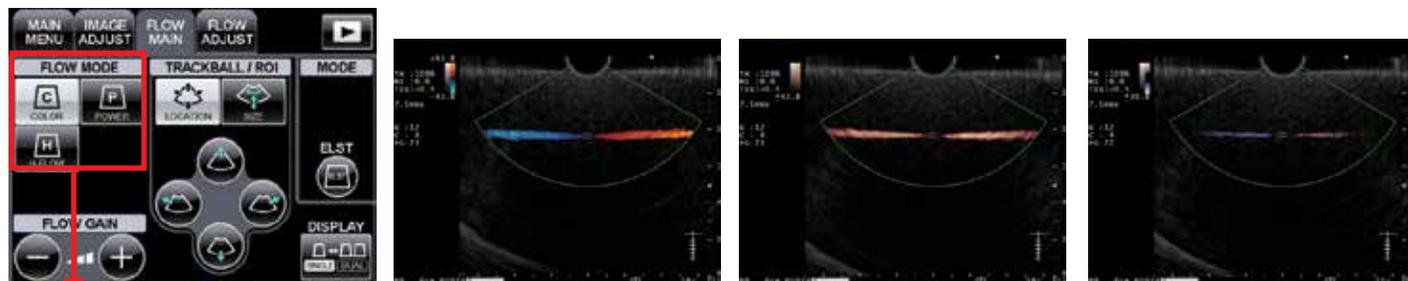
1 Press the **FLOW** key on the keyboard.

* The LCD touch panel automatically switches from **MAIN MENU** to **FLOW MAIN**.

2 Simultaneously, the ultrasound image on the monitor switches to the FLOW mode. Ensure that the ROI with color appears on the image.



3 Select a FLOW mode: **COLOR**, **POWER**, or **H-FLOW**.



FLOW MODE Buttons

COLOR FLOW

The direction and flow rate of the blood flow are shown in colors. Blood flowing towards the transducer is shown in red.

POWER FLOW

The intensity of received signals is shown in colors. As the blood flow intensifies, the displayed color becomes vivid.

H-FLOW

Displays the blood flow strength information with less blooming artifacts than POWER FLOW mode. Also displays the blood flow direction in color.

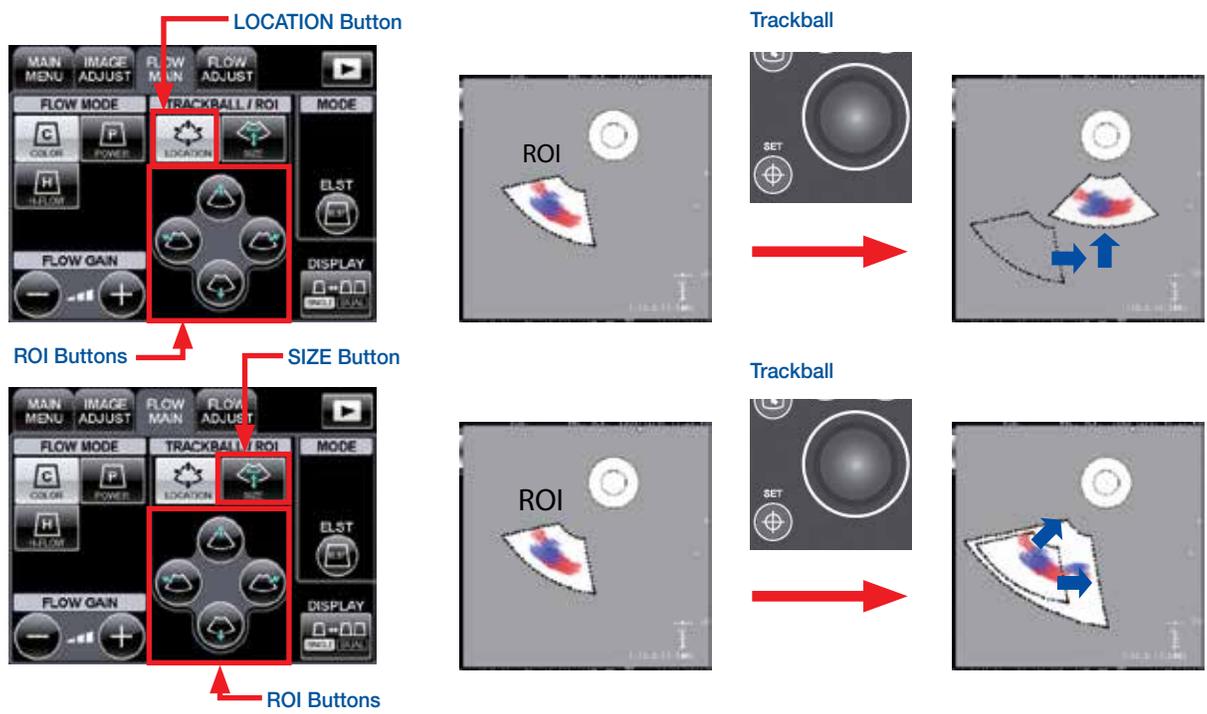
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FLOW Mode - General (Continued)

4 Select the **LOCATION** button and adjust the ROI position. The ROI can be moved by using the **ROI** buttons or the **trackball**.

5 Select the **SIZE** button and adjust the ROI size. The ROI size can be adjusted by using the **ROI** buttons or the **trackball**.



6 Use the **FLOW** key to exit the FLOW mode.

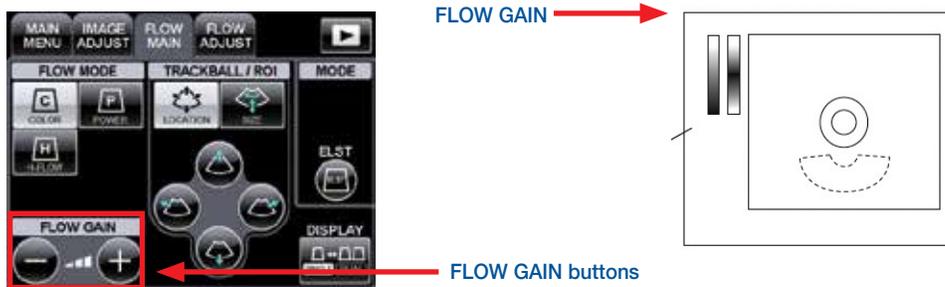
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FLOW GAIN

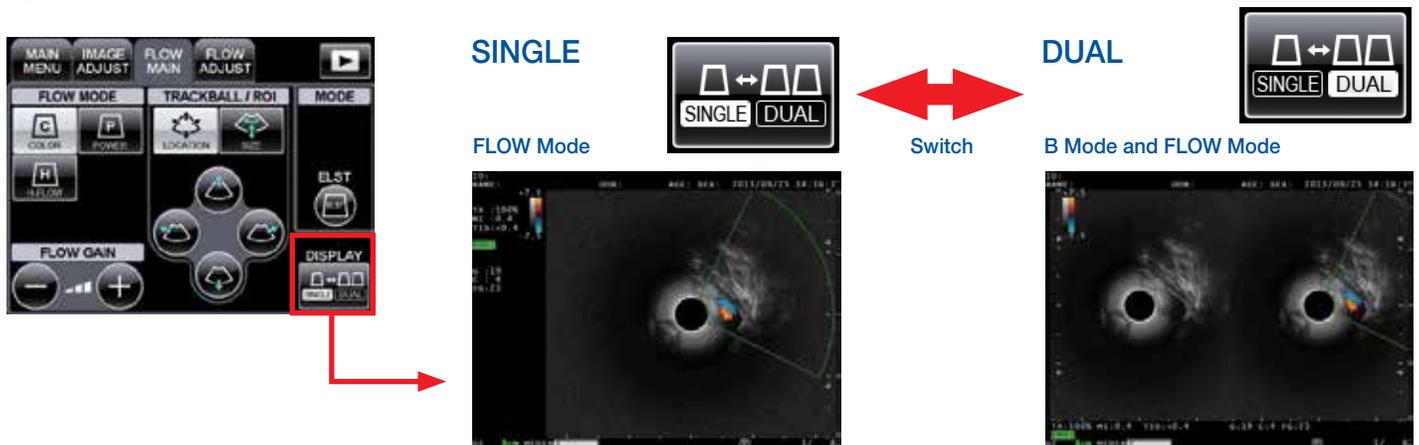
1 Press the **FLOW GAIN** buttons to adjust the sensitivity of the flow signal in the FLOW mode.

* Flow gain can be adjusted in 32 steps.



Display (Single/Dual)

1 Press the **DISPLAY** button to switch between single-screen display and dual-screen display.



Pulse Wave Doppler (PW) Mode

1 Detect blood flow in B mode or FLOW mode.

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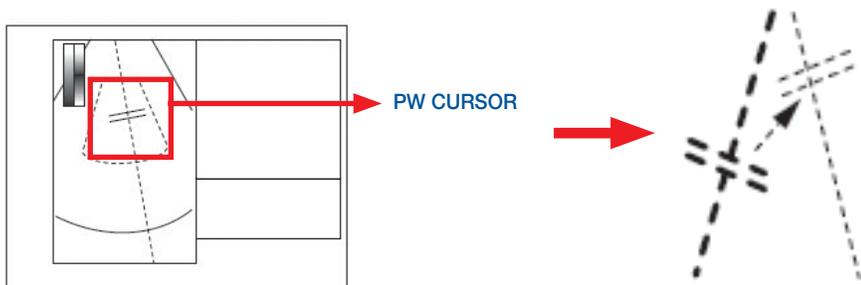
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Pulse Wave Doppler (PW) Mode (Continued)

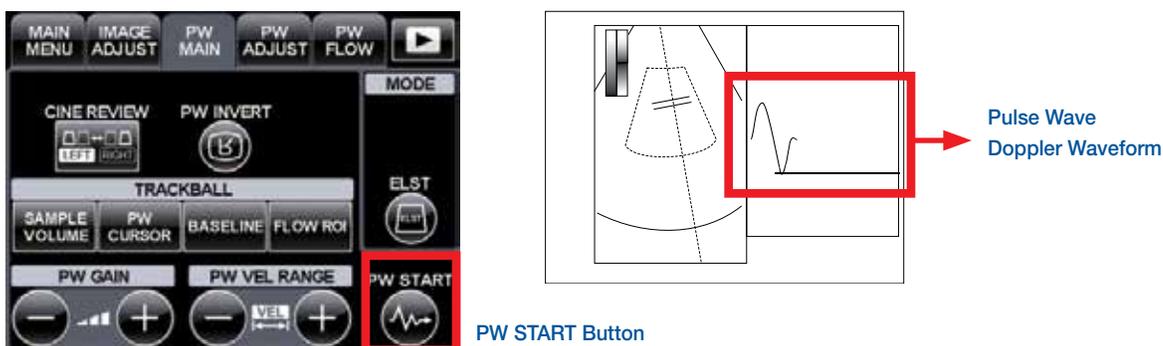
- 2** Press the **PW** key on the keyboard. Simultaneously, the image switches to the PW mode.
* The LCD touch panel automatically switches from **MAIN MENU** to **PW MAIN**.



- 3** The **PW CURSOR** (two short lines) is shown at the center of the left image. Move the **PW CURSOR** to the blood flow using the **trackball**.



- 4** Press the **PW START** button and the Pulse Wave Doppler Waveform starts.

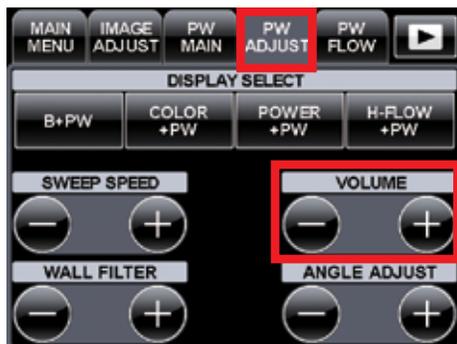


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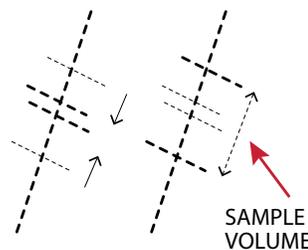
Volume

1 The volume of Pulse Wave Doppler Waveforms can be adjusted. Select the **PW ADJUST** tab and adjust the volume using the **VOLUME** buttons. Pulse Wave Doppler sound can be output from the bottom of the EU-ME2. The adjusted volume setting is saved and recalled the next time the EU-ME2 is used.



Sample Volume

1 The **SAMPLE VOLUME** button designates the width of the blood flow from which Pulse Wave Doppler is acquired. Make sure the cross-sectional surface is positioned between the two lines. Press the **SAMPLE VOLUME** button to adjust the width of the two lines. The width can be adjusted with the **trackball** or **ARROW** keys.

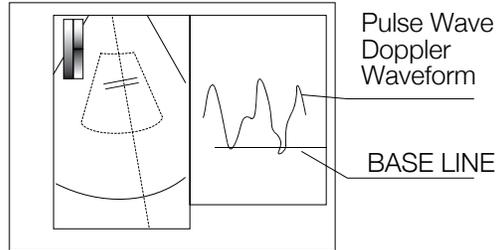


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Baseline

- 1 Adjusting the Base Line position up or down using the **BASELINE** button corrects the views of Pulse Wave Doppler Waveforms by avoiding imbalanced views. The **BASELINE** button, on the LCD touch panel, is highlighted during Base Line adjustment. Touching the button again returns to the original display.



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