

3.6.5 Setting the focus position

Set the focus position of the ultrasound beam to improve the spatial resolution or sensitivity of the image.

Focus settings may be Auto or Manual. The following are set according to the display mode. B mode focus settings can be set in Focus Position on the Focus tab in the preset ([Preset Setup] > [Application] > [Edit Data] > [QSS] > [General]).

Color Doppler mode focus settings can be set in Focus Control(Color) on the Common tab in the preset ([Preset Setup] > [Application] > [Edit Data] > [Color]).

Display modes	Auto focus	Manual focus
B mode	If neither HI Framerate (B) nor eFocusing is selected The focus position (◀) is automatically set in conjunction with the display range. The automatically set focus point can be moved at will. Multi-stage focus can be set. *1	If neither HI Framerate (B) nor eFocusing is selected The focus position (◀) is maintained without linking to the display range. Multi-stage focus can be set. *1
	When HI Framerate (B) is selected The focus position (◀) is automatically set in conjunction with the display range. The automatically set focus point can be moved at will. Only single focus is available.	When HI Framerate (B) is selected The focus position (◀) is maintained without linking to the display range. Only single focus is available.
	When eFocusing is selected The focus range is displayed by (▼/▲). The focus position cannot be changed. Only single focus is available.	
M mode	The focus point is set in coordination with the B mode. Only single focus is available.	
Color Doppler mode (CF, PD, eFlow, TDI, DFI)	When HI Framerate (Col) is not selected It is set near the center of the flow area. Only single focus is available. The focus mark is not displayed.	When HI Framerate (Col) is not selected The focus point can be moved at will within the range of the flow area. Only single focus is available. The focus mark (◀) is displayed in the same color as the flow area.
	When HI Framerate (Col) is selected The focus position is automatically set in conjunction with the flow area. The focus mark is not displayed. The focus position cannot be changed. Only single focus is available. NOTE: HI Framerate (Col) is not supported in DFI mode.	