



**Note:**

The buttons and knobs on the control panel may be different for different product models. Please refer to the control panel of the product for the actual buttons and knobs.

A Exam Main Menu Operating Area			
1	Exam main menu switch bar	6	Review key
2	Info key	7	Report key
3	Probe key	8	Screen Lock key
4	Scan key	9	Setup key
5	iStation key	10	End exam key

B Control Panel Operating Area			
11	User-defined keys	22	Trackball Trackpad
12	TDI mode User-defined key	23	Caliper key
13	CW mode iTouch key	24	Color mode
14	PW mode	25	B mode
15	M mode	26	Power mode
16	Bodymark/Comment key/ Angle/Multi-functional knob Angle/Multi-functional knob	27	Dual key
17	Cursor key	28	Gain knob/iTouch key Gain knob
18	Clear key	29	Freeze key
19	Set (left/right) keys	30	Save key
20	Measure key	31	Depth keys
21	Update key	32	Zoom key

# Quick Reference Guide

## Getting Started

### New Patient

1. Tap [**Info**] on the touch menu, fill in basic patient information.
2. Tap [**Probe**] on the touch menu to choose probe and exam mode.

## Scanning

### Image Adjustment

Tap the left/right part of the corresponding image parameter; or tap to select the image parameter, rotate the multi-function knob.

### B/M Mode

Press <B> / <M> key to enter B/M mode and rotate the <Gain> knob to adjust the gain.

### CDFI/Power Mode

1. Press <C>/<P> key to enter Color/Power mode.
2. Use <Trackball>/<Trackpad> to change the position of ROI.
3. Press <Set>, and then use <Trackball>/<Trackpad> to change the size of ROI, press <Set> again.

### PW/CW Mode

1. Press <PW> / <CW> or the user-defined key to enter PW/CW mode.
2. Use <Trackball>/<Trackpad> to change the position of sample volume.
3. Use the corresponding parameter button on the touch screen to change the size and the angle of sample volume, press <Update> or <PW>/<CW> or the user-defined key to obtain the Pulse Wave Doppler.

### Free Xros M mode (Anatomical M mode) [Option]

1. Under B mode, tap [**Free Xros M**] on the touch menu to enter Free Xros M mode.
2. Use <Trackball>/<Trackpad> to set the position of the sample line, and rotate <Angle> to change the angle of the sample line.

### Tissue Doppler Imaging [Option]

1. Under B/Color mode with phased array probe, press <TDI> or the user-defined key to enter TDI mode.
2. Use <Trackball>/<Trackpad> to change the position and size of the ROI.
3. Press <M> key to enter TVM mode; press <PW> key to enter TVD mode; press <P> key to enter TEI mode.

### iScape View [Option]

1. Under B/Color/Power mode, tap [**iScape View**] on the touch menu to enter iScape View mode.
2. Press <Update> to start the acquisition; press <Freeze> to stop the acquisition.

### Elasto Imaging [Option]

1. Under B mode with linear probe, press <Elasto> user-defined key or tap [**Elasto**] on the touch menu to enter Elasto imaging mode.
2. Adjust ROI according to the actual situation.
3. Adjust the image parameters to obtain optimized image and necessary information.

### Smart 3D Imaging [Option]

1. Under B mode, press <Smart 3D> user-defined key to enter 3D imaging mode.
2. Use <Trackball>/<Trackpad> and press <Set> to adjust the ROI and curved VOI.
3. Press <Update> to start the image acquisition; press <Freeze> to stop the image acquisition.

### RIMT/R-VQS [Option]

1. Under B mode of arteria carotis with Linear probe, tap [**RIMT**]/[**R-VQS**] on the touch screen to enter RIMT/R-VQS mode.
2. Use <Trackball>/<Trackpad> and press <Set> to adjust the ROI. Tap [**Start Calc**] to measure RIMT/R-VQS on left and right carotid.

## Measurement

1. Press <Measure>/<Caliper> to enter the application/general measurement status.
2. Move the cursor to choose the measurement tool, and then go to the desired position to measure.

## Post Scanning

### Comment

Press <ABC> to choose the comment setting position and then add the comment to the image.

### Body Mark

1. Press <}>/<}> (Body Mark) or the user-defined key to choose the desired one on the touchscreen. Press <Set> to confirm adding.
2. Use <Trackball> to place the probe marker, and rotate the <Angle> to adjust the orientation of the probe.

### Save Images or Cine

1. Press <Save> or the user-defined key to save a single-frame image or a cine to the system.
2. Tap [**Review**] on the touch screen, or select an exam of a patient in the [**iStation**] screen and click [**Review Image**] to see the image or the cine.

### Report and Print

1. Tap [**Report**] on the touch screen, and move the cursor to the comment text box and type the text.
2. Click [**Add Picture**] on the report page to add images, click [Preview] to preview the report, and then click [**Print**] to print the report out.

### End Exam

Tap [**End**] on the touch screen to end one examination. You may start a new exam by repeating the instructions above.

## Image Management

1. Tap <iStation> on the touch screen to enter the image management system and choose the images.
2. Click [**Send to**] to send the images to USB or DICOM, etc.

## Touch Screen Gestures

You can use two-finger gestures to get a quick operation by preset: [**Setup**] > [**System**] > [**Gesture**].

### Note:

For detailed information, please refer to the operator's manual.

