

## Quick Reference Guide

### Turning on the system

Press the power button located at the back of the system

### Starting a study

#### New patient

- 1 Tap Enter Patient Information from the startup screen or + New Patient from the touch panel.
  - 2 Enter patient information.
  - 3 Tap Scan to start imaging.
- All data saved during the study are linked to the patient.

#### Exam types

- 1 Select the transducer and exam button.
- 2 Select a transducer and exam type.
- 3 Double-tap on the exam type or tap Scan to start imaging.

#### Scanning

- 2D is the default mode. Press 2D to return to the default mode.
- Press M to scan in M Mode.
- Press C to scan in color Doppler.
- Press D to scan in Doppler.

#### M Mode

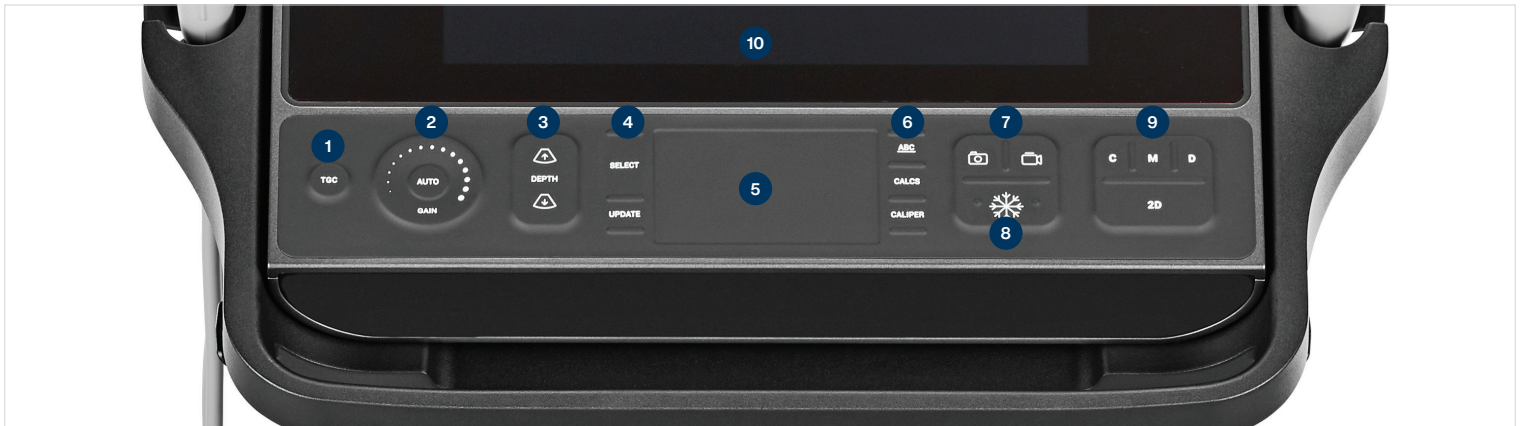
- 1 Use the touchpad to position the M-line in the 2D image.
- 2 To display both the M-line and trace, press UPDATE/ ↻ or press M again.
- 3 Press the UPDATE/ ↻ button to toggle between the image and the trace.

#### Color Doppler

- 1 Use the Color Type control to switch between Color Velocity (CVD) and Color Power (CPD), or CVD and Color Variance (Var), depending on the exam type. You may need to tap + More Controls on the touch panel to find the control.
- 2 Position the color box by dragging your finger on the touchpad.
- 3 Press SELECT/ 🖱️ to control the size of the color box, then resize by dragging your finger on the touchpad.

#### Doppler

- 1 Use the Doppler Mode control to switch between PW, CW, and TDI Doppler imaging (CW and TDI are available only in the cardiac exam). You may need to tap + More Controls to find the control.
- 2 Use the touchpad to position the D-line and gate in the 2D image.
- 3 To display the spectral trace, press UPDATE/ ↻ or press D again.
- 4 Press the UPDATE/ ↻ button to toggle control between the image and the trace.



#### Key:

- |                           |                                    |
|---------------------------|------------------------------------|
| 1 Time gain compensation  | 7 Save buttons                     |
| 2 Gain control            | 8 Freeze                           |
| 3 Depth                   | 9 Modes                            |
| 4 Select and Update       | 10 Touch panel with touch controls |
| 5 Touchpad                | 11 USB ports                       |
| 6 Labels, Calcs, Calipers | 12 Power button                    |

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### Gain



Adjust the gain by doing one of the following:

- Drag your finger around the gain wheel.
- Press TGC and adjust the sliders on the touch panel.
- Press AUTO to automatically adjust the gain.

### Depth


- Press the depth  and  buttons.

### Freezing, unfreezing, and using cine

- 1 Press the  button. The CINE display appears in the bottom-left corner of the monitor.
- 2 To scroll through the cine frames, do one of the following:
  - Drag your finger horizontally on the touchpad right or left to move forward or backward through the frames. To move frame by frame, tap the right or left side of the touchpad.
  - Move your finger clockwise or counterclockwise around the gain wheel to move forward or backward through the frames. To move frame by frame, firmly tap on the right or left side of the wheel.
- 3 To unfreeze, press the  button again.

### Zoom

#### Live Zoom



- 1 Tap Zoom on the touch panel.
- 2 Position the zoom box by dragging your finger on the touchpad.
- 3 Press SELECT/  to control the size of the zoom box, then resize by dragging your finger on the touchpad.
- 4 Tap the control again to zoom.

### Frozen Zoom



- 1 Tap Zoom on the touch panel.
- 2 Tap up or down on the control to adjust the magnification.
- 3 Use the touchpad to pan the image.

### Measurements and calculations

#### Measurements

- 1 On a live or frozen image, press the CALIPER /  button.
- 2 Use the touchpad to position the default calipers, or select a different measurement from the touch panel.
- 3 Press SELECT/  to switch between calipers.



#### Calculations

- 1 On a live or frozen image, press the CALCS /  button to display a menu of analysis packages.
- 2 Navigate to and select a measurement from the touch panel.
- 3 Use the touchpad to position the calipers.
- 4 Press SELECT/  to switch between calipers.

#### Labels

- 1 Press the **ABC** button to display the labeling page.
- 2 Tap Text, Picto, or Arrow to add text, pictographs, or arrows to the image.
- 3 Use the touchpad to position the label.

#### Saving and reviewing


- Press the  button to save an image and current measurements and calculations. Calculations and associated measurements are also saved to the patient report.
- Press the  button to save a clip.
- Tap thumbnail images to access the

review screen, or tap Patient List to view a different study. (You can find this option on the main touch panel, at the bottom of the patient or report form, or from the menu.)

#### Ending and exporting

- 1 End the study by tapping END STUDY. Open studies cannot be exported.
- 2 Insert a USB storage device into a USB port on the system or stand.
- 3 Tap Patient List. Select a study or studies to export.
- 4 Tap Send to, then tap USB.
- 5 Select the USB drive from the list, and choose whether to include patient information.
- 6 Tap Export.

#### Help and Learn

- Tap an  to access on-board help.
- Access the Learn feature to view training and procedural videos.

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