EU-ME2, EU-ME2 Premier Plus
Quick Reference Guide - Basics

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Frequency

1 Select the **MAIN MENU** tab on the LCD touch panel.

2 Press the **FREQUENCY** buttons to adjust the ultrasound transmission frequency.

* The selected frequency can be confirmed on the left hand side of the screen in green.
* Available frequencies vary from scope to scope.
  Mechanical radial scanning: C5, C7.5, C12, and C20
  Electronic scanning: 5, 6, 7.5, 10, and 12MHz

Enhancement

1 Select the **MAIN MENU** tab on the LCD touch panel.

2 Press the **ENHANCE** button to turn on image enhancement.

3 Press the **ENHANCE** button again to turn off image enhancement.

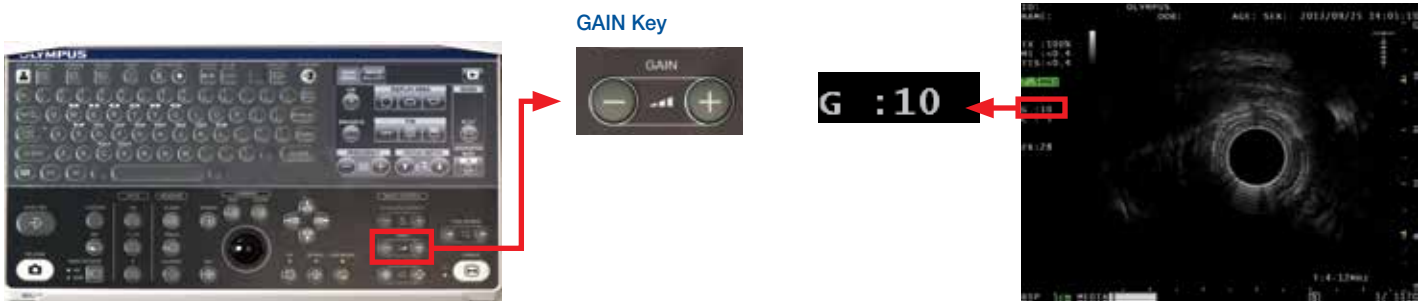* When **ENHANCE** is on, the frequency is highlighted with a green background.

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Gain

1 Press the **GAIN** keys to adjust the brightness of the ultrasound image.

* The selected gain is shown on the left hand side of the screen.
* The gain can be adjusted in 16 steps.

GAIN Key

G :10

Contrast

1 Select the **IMAGE ADJUST** tab on the LCD touch panel.

2 Press the **CONTRAST** buttons to adjust the contrast of the ultrasound image.

* The selected contrast is shown on the left hand side of the screen.
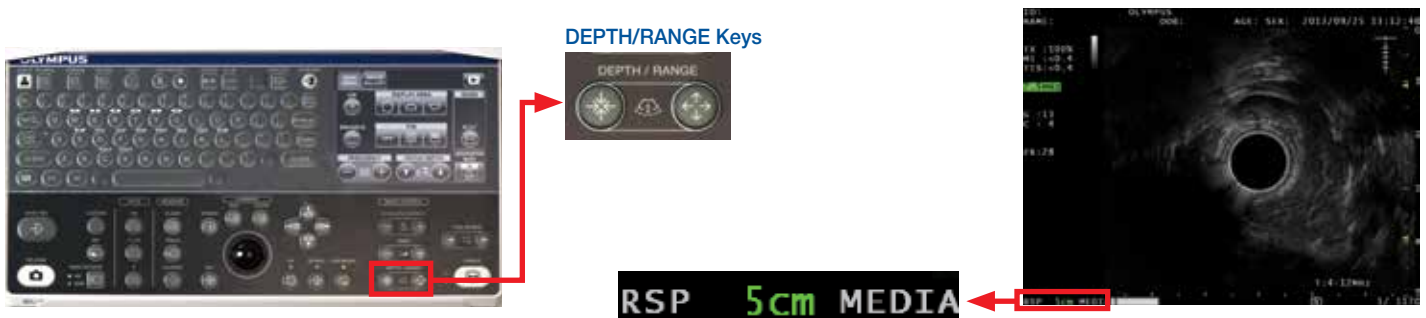* The contrast can be adjusted in 8 steps.

C : 5

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Depth / Range

1 The **DEPTH/RANGE** keys can be used to magnify or shrink ultrasound images.

2 Shrink the image with the ⊕ key and magnify the image with the ⊕ key.

* The display range is shown in the lower left (in green).
* The adjustable depth/range is variable depending on the type of scope.
  Mechanical radial scanning: 2, 3, 4, 6, 9, and 12 cm
  Electronic scanning: 2, 3, 4, 5, 6, 7, 8, 9, and 12 cm

DEPTH/RANGE Keys

RSP   5cm MEDIA

Display Area

1 Select the **MAIN MENU** tab on the LCD touch panel and press the **DISPLAY AREA** buttons to switch between Full Circle and Top/Bottom Sector images.

* This function is available with radial scanning scopes ONLY.
* The **trackball** (or **SCROLL** key) on the keyboard also enables movement of the ultrasound images as desired.
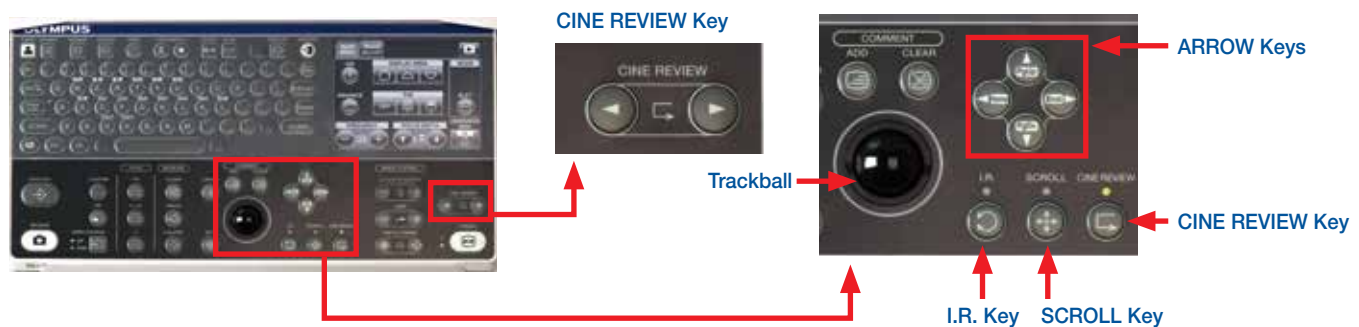
Full Circle

Bottom Sector

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Image Rotation / Scroll / Cine Review

1 Press the **I.R.** key, **SCROLL** key, or **CINE REVIEW** key near the **trackball** and confirm the corresponding indicator (green light) is lit.

2 Use the **trackball** or **ARROW** keys to rotate (I.R.), move (SCROLL), or select (CINE REVIEW) images.

* Scroll is availalbe with radial scanning scopes only.
* In LIVE mode, the EU-ME2 can store ultrasound images that are saved a few seconds before the image is frozen. The saved images can be reviewed retrospectively just after freezing with CINE REVIEW.
* CINE REVIEW is available only when the image is frozen. The frame number displayed on the monitor consists of "the frame number of the image being selected and viewed" and "the total number of saved image frames." The new frame number is "1."

CINE REVIEW Key

ARROW Keys

Trackball

CINE REVIEW Key

I.R. Key   SCROLL Key

Direction

1 Select the **MAIN MENU** tab on the LCD touch panel.

2 Press the **DIR** button to switch the viewing direction of the ultrasound image.

* The **DIR** button switches whether the ultrasound image is displayed as the view from the distal end of the ultrasound scope/probe (**NORMAL**) or the insertion direction (**INVERSE**).

NORMAL

INVERSE

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Measurement

1 Press the **CALIPER** key near the **trackball** to show the **+** marking.

2 Using the **trackball**, move the **+** marking to the desired starting point for the measurement.

3 Press the **SET** key to establish the starting point.

4 Using the **trackball**, move the **+** marking to the desired end point for the measurement.
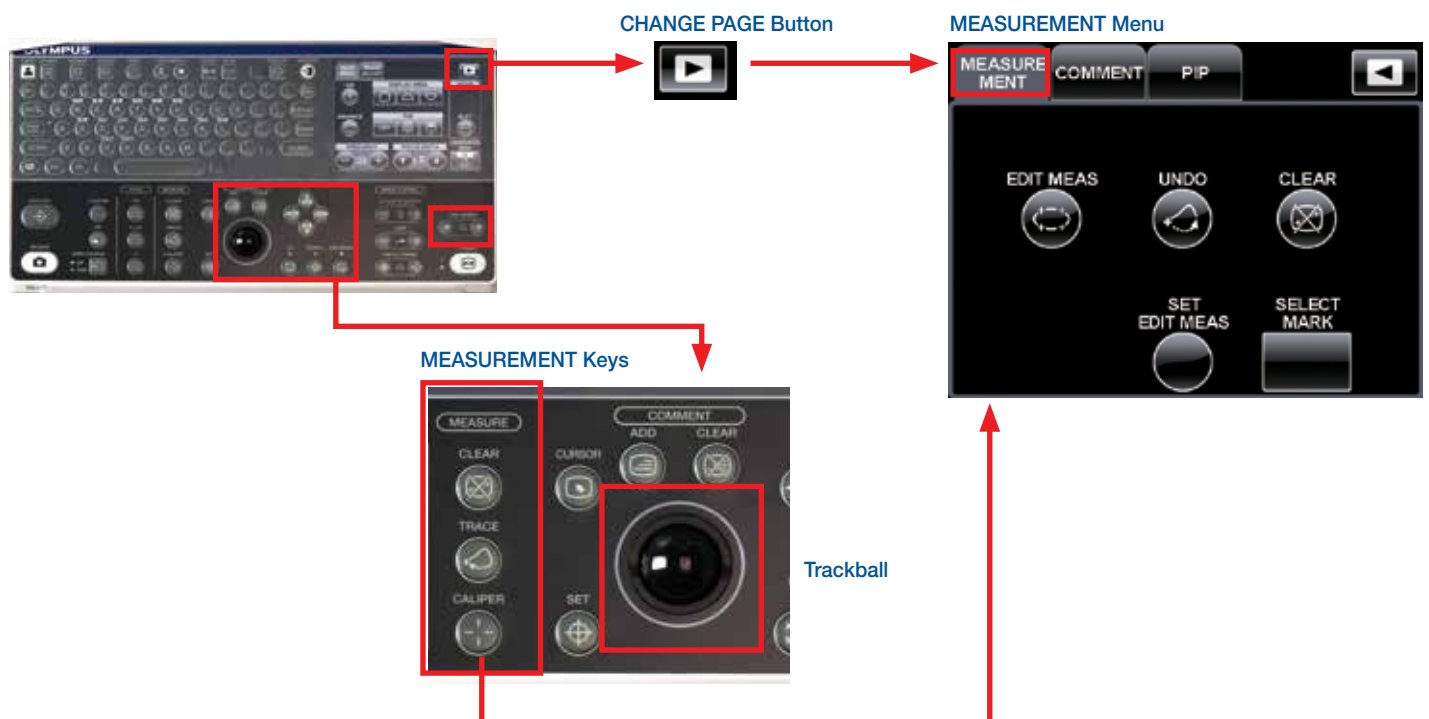
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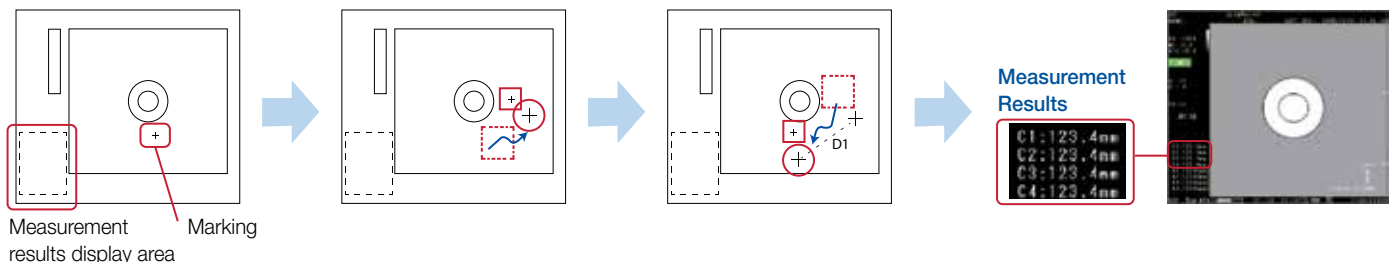
Measurement (Continued)

5 Press the **SET** key to establish the end point. The measurement results are shown.

6 With the completion of the measurement, the second measurement starts and a new **+** marking appears. By following steps 2 to 5 above, up to 4 simultaneous measurements are possible.

* To clear the measurement results, press the **CLEAR** key on the keyboard or **CLEAR** button in the **MEASUREMENT** tab on the LCD touch panel.
* The **MEASUREMENT** menu on the LCD touch panel is on the second page, which can be accessed by using the **CHANGE PAGE** button.
* Press the **CALIPER** key again to end measurements while keeping the previous results.

CHANGE PAGE Button

MEASUREMENT Menu

MEASUREMENT Keys

Trackball

Example

Measurement results display area   Marking

Measurement Results

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Comment

1 Press the **ADD** key above the **trackball** and confirm that a **CURSOR** appears.

2 Using the **trackball**, move the **CURSOR** to the desired location to add comments.

3 Enter comments by using the alphanumeric keys or **TEXT** buttons located in the **COMMENT** tab on the LCD touch panel.

4 When the **CURSOR** is moved after entering comments, a new **CURSOR** appears and new comments can be added. Follow steps 2 and 3 above to proceed.

* To clear comments, press the **CLEAR** key on the keyboard or **CLEAR COMMENT** button in the **COMMENT** tab on the LCD touch panel.
* The **COMMENT** menu on the LCD touch panel is on the second page, which can be accessed by using the **CHANGE PAGE** button.

CHANGE PAGE Button

COMMENT Menu

TEXT Buttons

COMMENT Keys

Trackball

Example

1. CURSOR

3. Input "Ao"

2. Moving CURSOR

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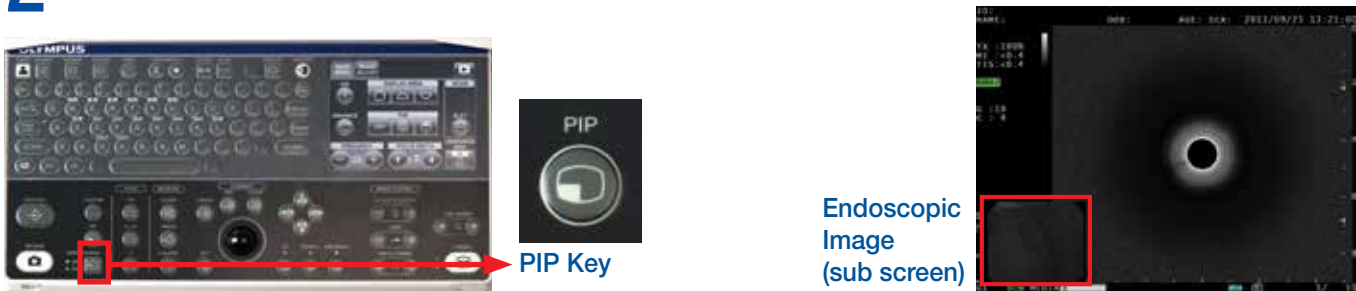
Save / Release

1 Press the **SAVE/REC** key to store images on the EU-ME2.

2 Images can be released to a black and white printer by pressing the **RELEASE** key.

SAVE/REC Key

RELEASE Key

Picture-in-Picture (PIP)

1 Press the **PIP** key to display an ultrasound image and an endoscopic image, together on the monitor.

2 Press the **PIP** key again to remove the endoscopic image.

PIP Key

Endoscopic Image (sub screen)

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