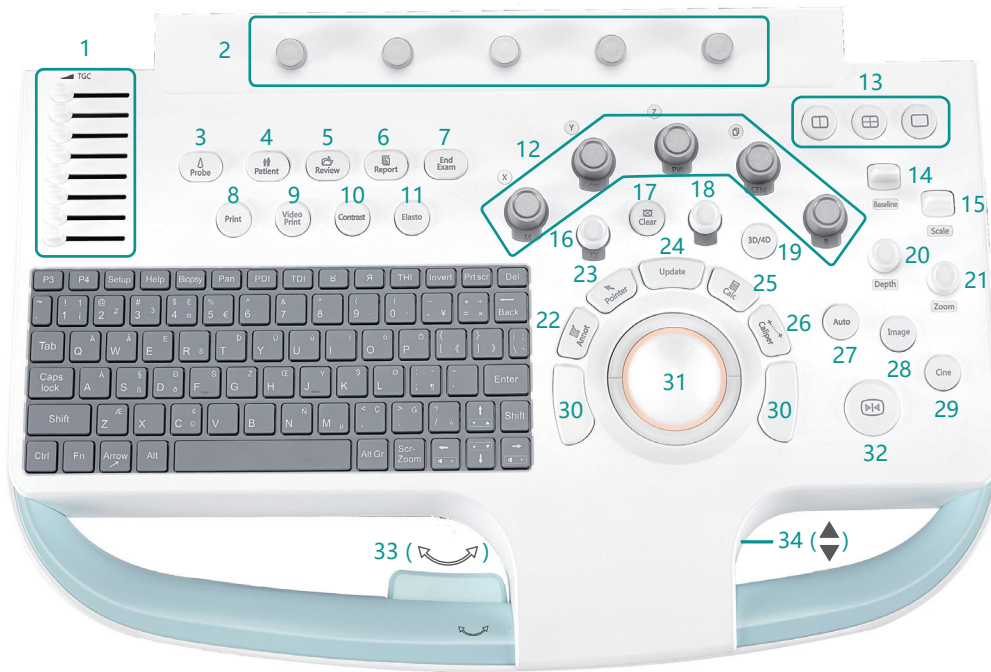






ProPet 70 Quick Start Guide




- | | | |
|------------------------|------------------|--------------------|
| 1 TGC Slider | 13 Split Display | 25 Calculation |
| 2 Parameter Adjustment | 14 Baseline | 26 Caliper |
| 3 Probe | 15 Scale | 27 Auto |
| 4 Patient | 16 Body Mark | 28 Image |
| 5 Review | 17 Clear | 29 Cine |
| 6 Report | 18 Angle | 30 Set Key |
| 7 End Exam | 19 3D/4D | 31 Trackball |
| 8 Print | 20 Depth | 32 Freeze |
| 9 Video Print | 21 Zoom | 33 Swivel |
| 10 Contrast Imaging | 22 Annotation | 34 Up/Down Control |
| 11 Elastography | 23 Pointer | |
| 12 Imaging Mode | 24 Update | |

1. Preparing the System

1. Lock the casters and connect the power cable to the system. Set the power switch on the power supply panel to  position and press  key on the side panel to power on the system.
2. Grip the upper and lower sides or the left and right sides respectively to adjust the angle of the monitor.
3. Press  key 33 and  lever 34 on the front handle to adjust the position of the control panel.





2. Getting Started

Press  key 4 to enter the New Animal screen and input the animal information.










Press  key 3 to select a probe and an exam type.

3. Scanning and Processing




B Mode








1. Press  key 12 to enter B mode.
2. Rotate  key 12 to adjust the gain and rotate  key 2 to adjust the imaging parameters.
 - 【Scan】 Less speckle and noise, enhanced boundary.
 - 【Compound】 Higher spatial resolution and signal-noise ratio.
 - 【Gray Map】 Different levels of grayscale brightness.
 - 【DYN】 Higher DYN for more details, lower DYN for higher contrast.
 - 【Frequency】 Higher frequency for higher resolution, lower frequency for better penetration.
 - 【Chroma】 Colorized image.



CFM/PDI/TDI/Micro F/SR Flow Mode

1. Press  key 12 or tap / key on the touch screen to enter CFM/TDI/Micro F mode. Tap / key on the touch screen to enter SR Flow/PDI mode.
2. Use  31 and  30 to adjust the position and size of the color ROI.
3. Rotate  key 12 to adjust the gain and rotate  key 2 to adjust the imaging parameters.




M/Anatomical M-Mode








1. Press  key 12 to enter pre-activated B+M mode. The main screen displays the B mode image and the M-line.
2. Rotate  31 to adjust the position of the M-line and press  key 24 to enter M mode.

If necessary, rotate  key 2 located directly below  in pre-activated M mode to enter the pre-activated anatomical M-mode. Tap  key on the touch screen to set the number of the M-line. Rotate  key 2 located directly below  or rotate  key 18 to adjust the angle of the M-line. Press  key 24 to activate the anatomical M-mode.





3. Rotate  key 12 to adjust the gain and rotate  key 2 to adjust the imaging parameters.



PW/CW Mode

1. Press / key 12 to enter pre-activated B+PW/B+CW mode.
2. Rotate  31 to adjust the position of the sample volume and angle of the sample line.





In pre-activated B+PW mode, press  30 and rotate  31 to adjust the size of the sample volume.
3. Rotate  key 18 to adjust the direction of the flow cursor.
4. Press  key 24 to activate PW/CW mode.
5. Rotate / key 12 to adjust the gain and rotate  key 2 to adjust the imaging parameters.

Elastography Mode





1. In B/CFM mode, press  key 11 to enter elastography mode.
2. Hold the probe perpendicular to the target lesion, and press it regularly.
3. Use  31 and  30 to adjust the position and size of the ROI and rotate  key 2 to adjust the imaging parameters.

If necessary, press  key 26 or  key 25 to activate the Strain Ratio measurement.






Contrast Imaging Mode

1. In B/CFM mode, identify the target tissue and observe the blood flow.
2. In B mode, press  key 10 to enter contrast imaging mode.
3. Inject contrast agents, and select a timer on the touch screen. Press  key 29 to start recording a cine for review, and press again to stop the recording.
4. Rotate  key 12 to adjust the gain and rotate  key 2 to adjust the imaging parameters.

3D Mode




1. Press  key 32 to freeze the image, and press  key 19 to enter freehand 3D mode.
2. Use  31 and  30 to adjust the position of the image, size of the ROI, and shape of the sample line.
3. Set the display format, render mode, and other imaging parameters on the touch screen.



NOTE:

- Press    key 13 to enable a full, dual, or quad display.
- To customize a preset, select an imaging mode and adjust the imaging parameters, and press  key on the keyboard. Follow the prompts to enter the User Preset menu. Input the exam name, select an exam type and exam icon, and click  key to save the preset.






4. Measurement and Annotation/Body Mark

Measurement





1. Press  key 26 to activate the basic measurement. Press  key 25 to activate the application measurement.
2. Tap the measurement item on the touch screen and use  31

- 31 and  30 to measure the target area.
3. Press  key 17 to remove all measurement markers and calculation results from the screen.

Annotation



1. Press  key 22 to activate annotation and move the cursor to the desired position by rotating  31. Tap the predefined word on the touch screen or input an annotation. Use  30 and  31 to move the annotation to the desired position.
2. Tap  key on the touch screen to set the initial position for an annotation.

Body Mark





Press  key 16 to activate body mark and select the body mark. Rotate  31 to move the body mark to the desired position and rotate  key 16 to adjust the angle, and press  30 to add the body mark to the image.

5. Managing Image/Cine/Data







Storing an Image/Cine

Press  key 28 to save the current image by default. Press  key 29 to save the current cine by default.




Viewing an Image/Cine

Press  key 5 to enter the Review Exam screen and use  31 and  30 to select the image/cine, and press  30 twice to enter the main screen to view the image/cine.




Exporting/Importing Data

1. Connect a device (e.g. USB, DVD) to the system and press  key 4 to enter the New Animal screen.
2. Click  key to enter the Exam List screen.
 - 【Export】 : Select the animal information on the Exam List screen. Click  key and select the exported device and format in the pop-up dialog box. Then click  key to export the selected animal information to the device.
 - 【Import】 : Click  key and select the imported device and animal information, and click  key to import the selected animal information to the system.

Report and Print

Press  key 6 to view the measurement result and click  key to preview the current report. Press  key 8 to print the current report.

6. Ending an Exam

1. Press  key 7 to end the current exam.
2. Press  key to power off the system. Set the power switch to  position to disconnect the power cable from the system and mains power.