

13. iStation – access stored images and clips for all patients.

1. On/Off button

F4 – save cine loop

Delete last comment

6. Depth – Rotate to alter scanning depth. Press to zoom.

Open/ create new report

Add text to image

Split Screen

5. Time Gain Compensation – change brightness at varying depths.

2. Patient – enter patient details and select species.

3. Probe – press to switch probe and Exam Type.

12. End the exam

Add arrow to image

Remove comments/ measurements

7 & 8. Focus Position/ Frequency/Rotation – Rotate to change. Press to alternate between modes.

Pulsed Wave Doppler

Power Doppler

11. Calipers measuring distance and area

Measurement packages

Set button for use in menus.

4. Gain – overall brightness.

9. Freeze image – Use trackball to scroll back through paused images to select required image.

M mode

B mode

10. Save still image



- 1. On/Off** – Turn machine On/Off.
N.B. Attach relevant probe before turning on the scanner. Do not remove the probe whilst the scanner is turned on.
- 2. Patient** – Enter patient details and select species. Select OK.
- 3. Probe/ exam type** – ensure you are in correct application setting (preset) for the type of exam being performed.
- 4. Gain** – Increase or decrease the overall brightness of the image.
- 5. TGC** – Alter brightness to produce an evenly gained image.
- 6. Depth** – Adjust so that the region of interest occupies approximately $\frac{1}{4}$ of the screen. A depth scale (in centimetre increments) is displayed next to the image.
- 7. Frequency** – A higher frequency setting provides higher resolution to the image, however penetration is reduced. A lower frequency setting improves penetration ability, however resolution is diminished.
- 8. Focus** – Move the focal point(s) up and down the depth scale until it/they are deep to the region of interest.
- 9. Freeze** – Freeze image and use trackball to scroll back through last few seconds of scan.
- 10. Save** – Save relevant images (F4 saves retrospective cine-loop).
- 11. Calipers** – For measuring distance and area.
- 12. End exam** – Finishes the exam of the current patient.
- 13. iStation** – Review images/ cine-loops for each exam performed/ transfer images to USB memory stick.
Menu – Access further image optimisation parameters. Use the trackball to highlight individual parameters and use the set and back buttons (located to the left/right of the trackball) to alter each parameter.
Biopsy – Requires probe attachment.
P- Power Doppler – For assessing blood flow at low velocities. Brings up Power Doppler region of interest box- change location/size of box with trackball and set button.
PW – Brings up gate through which blood flow velocity can be measured.
Note: All IMV imaging products are to be used for animal applications only.

For more information/ how to videos/ applications support and clinical resources please visit our website www.imv-imaging.co.uk

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