VesselVue® Microbubble Mixer
Quick Start Guide

For use with P-4007001 VesselVue P-formulation microbubble vials
INTRODUCTION
Thank you for purchasing the VesselVue® Microbubble Mixer. The VesselVue Mixer is designed to agitate and activate the VesselVue P-formulation microbubbles for imaging vasculature using contrast enhanced ultrasound modes, such as Acoustic Angiography offered by the Vega® preclinical imaging system.

CAUTION: To avoid damaging the mixer, use only with VesselVue vials.

SYSTEM REQUIREMENTS
The VesselVue Mixer is intended for use with P-4007001 VesselVue P-formulation microbubble vials.

SYSTEM COMPONENTS
D5240001 VesselVue Mixer
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PREPARATION FOR USE
1. Remove the mixer from the shipping carton and place on a level bench.
2. Using a Phillips screwdriver, remove the protective metal plate from the underside of the mixer. This plate secures the motor during shipping and must be removed prior to operating the mixer.

Left: Metal plate secured to underside of mixer must be removed before use.

3. Connect the AC plug to the mixer and plug into a properly rated voltage outlet.
INSTRUCTIONS FOR USE

1. Flip the rocker switch on the back of the mixer to the ON position.
2. Verify the expiration date on the VesselVue vial packaging. If the expiration date has passed, vial should be discarded.
3. To activate the microbubbles, insert an unopened vial (unpierced septum) into the VesselVue Mixer vial holder. The vial should be placed so that the bottom of the vial faces toward the left side of the mixer, as in the image below.

   Left: Place VesselVue P-formulation vial in vial holder as shown.

4. Verify the timer is preset for 60 seconds; adjust time to 60 if needed.
5. Press the Start button.
6. When the mixing cycle is complete, remove the vial from the mixer. The VesselVue microbubbles will appear milky white and are now ready for use.

Contact PerkinElmer Global Tech Support Team if you have questions or require any further assistance. Global.techsupport@perkinelmer.com