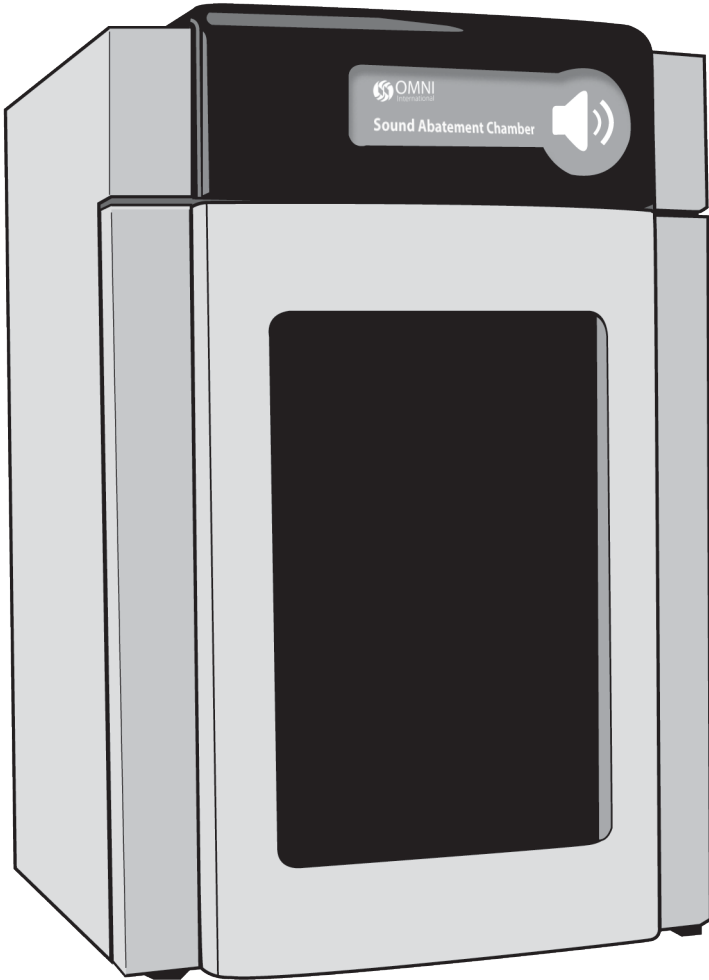


Sound Abatement Chamber

User Guide



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This product has been engineered for safety; however, basic safety precautions and common sense must always be demonstrated when using any electrical product.

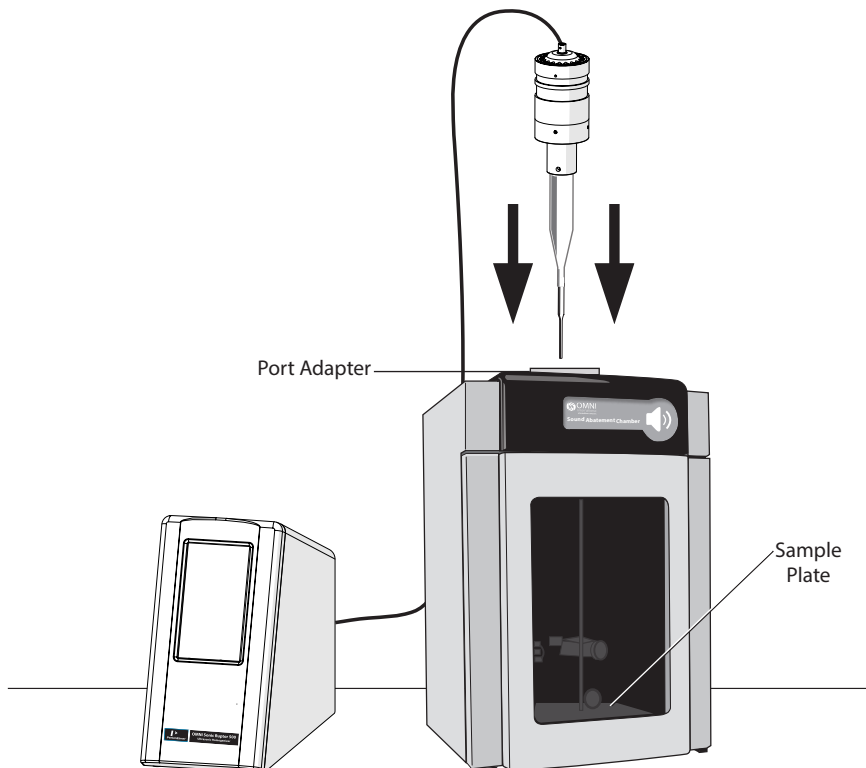
- DO NOT attempt to modify any part of this product.
- DO NOT allow the machine to be submerged in any liquid.
- DO NOT use in any setting other than an indoor laboratory.
- Use this product only for its intended purpose.
- DO NOT use attachments not recommended by the manufacturer.
- DO NOT operate the product if it is damaged in any way.
- Keep this product away from heated surfaces.

Sound Abatement Chamber Set Up

The OMNI Sonic Ruptor 500 Ultrasonic Homogenizer operates at a 20kHz frequency which is outside the range of human hearing. However, when applied to liquids during processing, the sounds generated as a result of cavitation can be uncomfortable. To reduce the noise associated with ultrasonic processing the unit can be operated in the OMNI Sound Abatement Chamber. The OMNI Sound Abatement Chamber is equipped with a mounting pole, sample stand and port for holding the transducer.

1. Insert the port adapter into the hole in the top of the sound abatement chamber.
2. Adjust the height of the sample plate to accommodate your sample vessel and tip length. The sample plate can be moved by loosening the screw on the plate and pushing the plate up or down the pole. Be sure to tighten the plate screw prior to placing your sample on the plate.
3. Place sample on sample plate.
4. Insert tip and transducer assembly.
5. If required insert the external temperature sensor
6. Close door prior to operating the system

CAUTION: DO NOT allow the tip to touch surfaces such as beakers, stands or base plates during operation. This may result in tip failure or damage to surface.





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