

Noise protection



The USBB Series models have been specifically designed to **attenuate ultrasonic baths** in laboratories. The four available models **USBB-S, USBB-M, USBB-L** and **USBB-XL** cover almost all ultrasonic baths used in laboratories.

SONATION USBB-SERIES SOUND INSULATION FOR ULTRASONIC BATHS

INFORMATION

Noise at the workplace

The **cavitation noise** of ultrasonic baths is one of the **most unpleasant noises** in the laboratory. Due to the principle, small steam bubbles are constantly created in the ultrasonic bath and implode again shortly afterwards. This has the desired cleaning effect, but also produces very unpleasant **noise**.

Regular exposure can lead to **hearing damage**, which is why it is recommended to wear hearing protection when handling ultrasonic baths or to encapsulate the bath accordingly.

Insulation of ultrasonic baths

The many sophisticated features of the USBB boxes for ultrasonic baths make them the ideal accessories for ultrasonic baths.



Benefits

- **High noise reduction of up to 30dB(A).**
This corresponds to a perceived volume reduction of well over 90%. The cavitation noise is practically no longer audible.
- Available in **4 different sizes** for most ultrasonic baths.
- The **cover can be folded all the way back** and thus enables the **convenient removal** of the cleaning basket.
- Opening the lid does **not require any additional space**, which makes it easy to install under the extractor or under base units.
- Control panel in view at all times. The **transparent panel** on the front makes it easy to check at any time how long cleaning still takes.
- **Frontal and lateral access** for operating the ultrasonic bath or draining the cleaning liquid.
- **Integrated fan** for the extraction of vapors.
- **Oil and water repellent and flame retardant insulation material.**
- **Powder coated, durable and easily washable surface.**
- **Opening mechanism damped** via rotation brakes for smooth and easy opening.

Technical data

External dimensions (LxWxH):	USBB-S	USBB-M	USBB-L	USBB-XL
	512x350x425mm	557x545x410mm	607x633x460mm	782x671x610mm
Max. internal dimensions (LxWxH):	454x269x316mm	479x415x329mm	529x496x379mm	704x516x529mm
Weight:	15 kg	20 kg	25 kg	30 kg
Noise reduction:	Up to 30dB(A) which corresponds to a 90%-95% reduction in perceived noise			
Ventilation:	Rear fan, blowing to the outside			
Power supply:	12V/6W via included plug-in power supply unit			
Insulation material:	Black laminated acoustic foam, flame retardant according to MVSS 302			
Surface:	Powder coated in RAL5012 and RAL7035			



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