

Noise protection



Our Noise reduction boxes for homogenisers are used to **insulate** the sonotrodes of ultrasonic homogenisers. The UCB30 **minimises noise pollution** at the workplace and helps to improve working conditions.

SONATION UCB-SERIES SOUND INSULATION FOR ULTRASONIC HOMOGENIZERS

INFORMATION

Noise affects our lives and our work.

Sound is a constant part of our lives. It affects the entire organism and has a wide range of effects on our mind, body and psyche. For example, it serves as an alarm signal or is used for our communication. Excessive exposure to noise - in strength or duration - is an underestimated threat that can cause a range of short and long-term **health problems**.

Noise is also a **risk factor** for accidents due to reduced perception of warning and alarm signals and sounds.

Our Noise reduction box

The many sophisticated features of the UCB30 noise reduction box make it an indispensable accessory for ultrasonic homogenisers



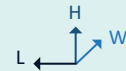
Benefits

- **Noise protection:** Reduces the noise of ultrasonic homogenisers by around 75%
- **Universal use:** Suitable for almost all manufacturers and models
- **Quick inspection:** Large integrated viewing window
- **Adjustable:** Height-adjustable swivel arm
- **Practical functionality:** Integrated interior lighting
- **Ventilation:** Automated ventilation
- **Automated:** Automatic programme end detection with visual signalling

Technical data



- **External dimensions:** 440x910x440mm (WxHxD)
- **Internal dimensions:** 350x820x370mm (WxHxD)
- **Weight:** 33kg
- **Noise reduction:** 20dB(A) -> Corresponds to about **75%** noise reduction
- **Clamping range of the sonotrode holder:** 43-78mm diameter
- **Maximum length of the sonotrode:** 700mm
- **Permissible ambient temperature:** 5°C-30°C
- **Permissible interior temperature:** 5°C-40°C
- **Power supply:** 12V, 1A max. via included plug-in power supply unit
- **Mains voltage power supply:** 100-240V AC 50/60Hz
- **Insulation material:** High-quality insulation made of environmentally friendly recycled material. PUR-based acoustic foam with fleece-laminated, oil- and water-repellent surface.
- **Flammability:** Complies with FMVSS 302 and DIN 75200



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