

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



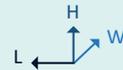
## Benefits

- **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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